



Government of India
Ministry of Earth Sciences
INDIA METEOROLOGICAL DEPARTMENT
SPECIAL DAILY WEATHER REPORT
01 October, 2011

MONSOON WATCH

- Southwest monsoon has withdrawn from northwest and many parts of central India during last week of September. The rainfall activity also significantly decreased over east, northeast and north peninsular India during past 3-4 days. The withdrawal line of the monsoon passes through Lat. 27.0°N / Long. 84.0°E, Balia, Umaria, Jabalpur, Indore, Baroda, Veraval, Lat. 21.0°N / Long. 65.0°E and Lat. 21.0°N / Long. 60.0°E. (Fig.2)
- Southwest monsoon was subdued during past 24 hours.(Fig.1)
- The Satellite Kalpana-1 cloud imagery at 1430 hours IST shows convective clouds over parts of north & eastcentral Bay of Bengal and Andaman Sea. Low/medium clouds are seen over parts of western Himalayan Region, northeastern states, west Madhya Pradesh, Maharashtra and south peninsular India.(Fig.3)

Synoptic features

- The upper air cyclonic circulation over Assam & Meghalaya in the lower levels persists. The north-south trough runs from this system to south Tamilnadu across western parts of Bay of Bengal, with an embedded upper air cyclonic circulation over north Tamilnadu and neighbourhood in lower levels.
- An east-west shear zone lies roughly along latitude 13.0°N between 700 & 500 hPa.
- Dry northwesterly winds are prevailing over northwest and central India in lower levels.

Major features of weather forecast (upto 1430 hours IST of 4th October 2011)

- Fairly widespread rain/thundershowers would occur over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram and Tripura.
- Scattered rain/thundershowers would occur over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Madhya Maharashtra, interior Karnataka, Konkan & Goa, Tamilnadu, Kerala and Lakshadweep.
- Isolated rain/thundershowers would occur over east India and remaining parts of south peninsular India. Weather would be mainly dry over the remaining parts of the country.

Warning (Fig.4)

- No weather warning.

Weather Outlook (upto 1430 hours IST of 6th October, 2011)

- In association with an approaching western disturbance, scattered rain/ thundershowers would occur over western Himalayan region.
- Scattered rain/thundershowers would occur over northeastern states and south peninsular India.

Legend:

Probability of occurrence	Terminology	Probability of occurrence	Terminology
<25%	Could Occur	51-75%	Would Occur
26-50%	May Occur	76-100%	Will Occur

Note: This is the last **Special Daily Weather Report** on Southwest Monsoon, 2011. **End of Season Report** will be released very shortly.