



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Dated: 26 August, 2011**

Subject: Status of southwest monsoon 2011 rainfall and weekly forecast (27 August- 02 September) and outlook for subsequent week (03-09 September)

Highlights of the week (18-24 August)

- During the week, peninsular India received excess rainfall. However rainfall was deficient over many parts of east, northeast and central India.
- The All India rainfall during the week was 8% below long period average (LPA).
- Monsoon flow pattern in general remained weak during the week.
- Deficiency in seasonal rainfall for the country as a whole has remained 1% below LPA.

Synoptic features

- An upper air cyclonic Circulation lay over northwest Bay of Bengal & neighbourhood on 18th. It moved across Chhattisgarh, Madhya Pradesh, Rajasthan & Gujarat and became less marked on 24th.
- An upper air cyclonic circulation formed over northwest Bay of Bengal & neighbourhood on 24th and persisted over same region on 25th.
- Monsoon trough exhibited north-south oscillation with respect to its normal position during the week.
- The off-shore trough ran from Gujarat coast to Kerala coast during most days of the week
- One western disturbance also affected western Himalayan Region.

Rainfall during the week (18- 24 August)

During the week, rainfall was excess over most of the meteorological subdivisions in south Peninsula. The statistics of the weekly rainfall are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	51.9	56.6	-8
Northwest India	40.3	47.0	-14
Central India	48.8	63.0	-23
South Peninsula	69.3	40.9	70
East & northeast India	59.1	81.1	-27

Out of 36 meteorological sub-divisions, rainfall was excess in 10, normal in 12, deficient in 12 and scanty in 02 sub-divisions (Punjab, East Madhya Pradesh) during the week. In area-wise distribution, 59% area of the country received excess/normal rainfall. Meteorological sub-divisionwise and week by week rainfall is given in Annexure I & II.

Monthly Rainfall Scenario (1- 24 August)

The cumulative seasonal rainfall for the country as a whole from 1-24 August has been 8% above the LPA with 17% and 16% above normal rainfall over northwest India and south peninsular India, respectively.

Seasonal Rainfall Scenario (1 June- 24 August)

For the country as a whole, cumulative rainfall during this year's monsoon has so far upto 24 August been 1% below the LPA. Details of the rainfall distribution over the four broad homogeneous regions of India are given below:

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	656.0	662.8	-1
Northwest India	492.4	464.6	6
Central India	730.5	733.4	0
South Peninsula	538.7	523.3	3
East & northeast India	958.9	1067.9	-10

Out of 36 meteorological subdivisions, the rainfall has been excess over 06, normal over 26 and deficient in 04 sub-divisions. In area-wise distribution, 88% area of the country received excess/normal rainfall. 444 out of 603 districts of the country

have received normal to excess rainfall. Cumulative Meteorological sub-divisionwise seasonal and week by week rainfall is given in Annexure III & IV.

Current synoptic conditions as on 26 August, 2011

- The upper air cyclonic circulation lies over northwest Bay of Bengal and neighbourhood and extends upto mid-tropospheric levels tilting southwards with height.
- A feeble off shore trough extends from Gujarat coast to Kerala coast.
- The axis of monsoon trough at mean sea level passes through Anupgarh, Sawai Madhopur, Jabalpur, Champa, Paradip and thence southeastwards to eastcentral Bay of Bengal.
- A western disturbance as an upper air trough in midtropospheric westerlies lies over Jammu & Kashmir and neighbourhood.

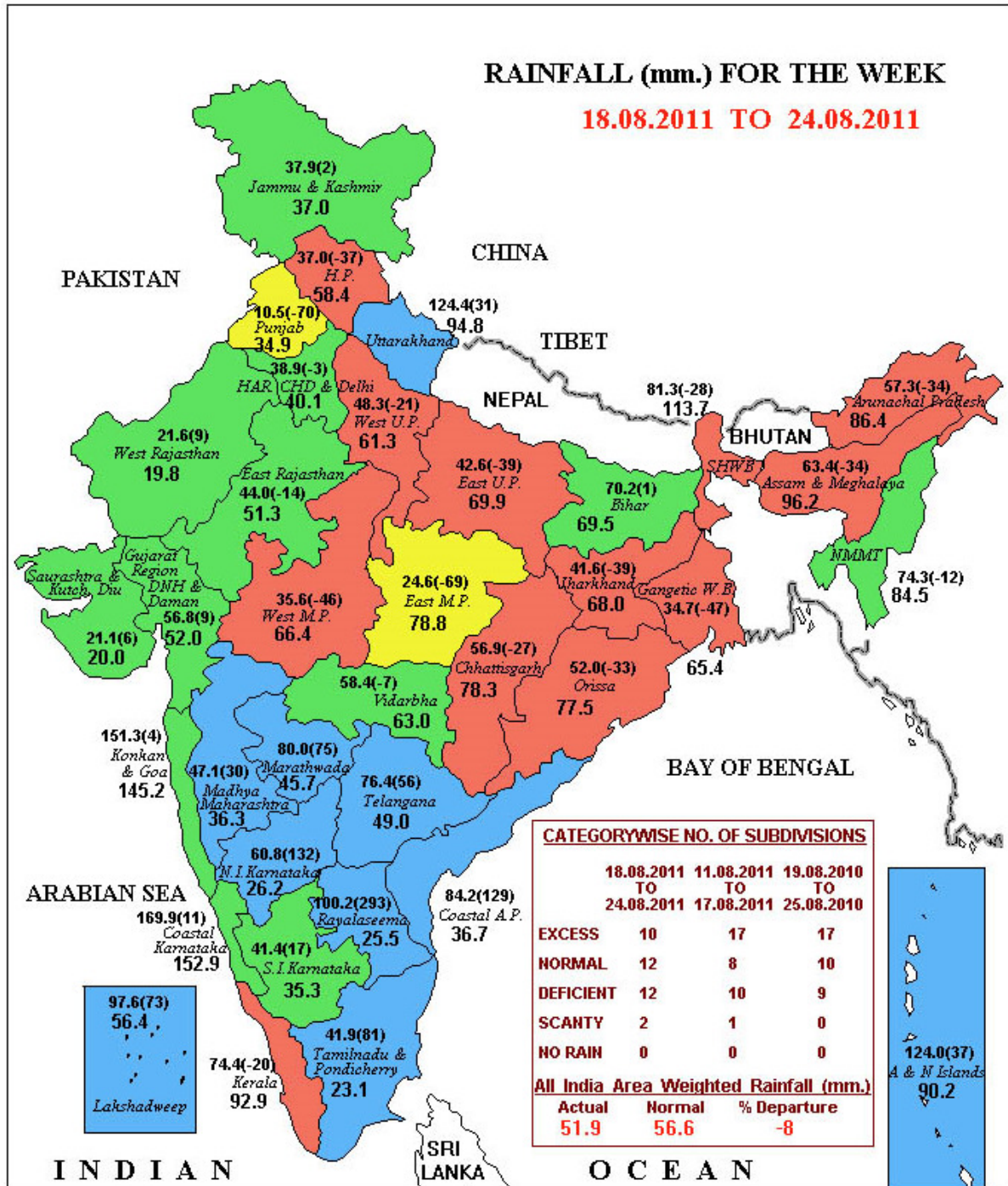
Forecast for next one week (27 August- 02 September)

- The monsoon trough will remain south of its normal position during many days of the week. However, its western end will exhibit north-south oscillation.
- Rainfall for the country as a whole is likely to remain slightly above normal.
- Monsoon would remain active over central and adjoining peninsular India with fairly widespread rainfall accompanied with isolated heavy to very heavy falls during the week.
- Fairly widespread rainfall also likely over western Himalayan region.
- Scattered rain/thundershowers would occur over plains of northwest India and east & northeast India.

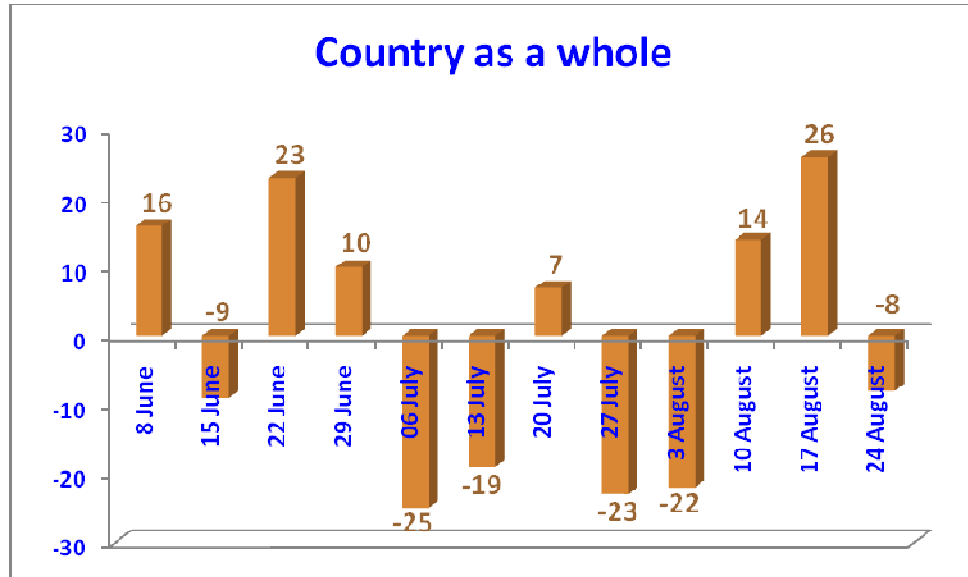
Outlook for the subsequent week (03-09 September)

Monsoon is likely to remain near normal during this week with main activity centered over northwest and central India.

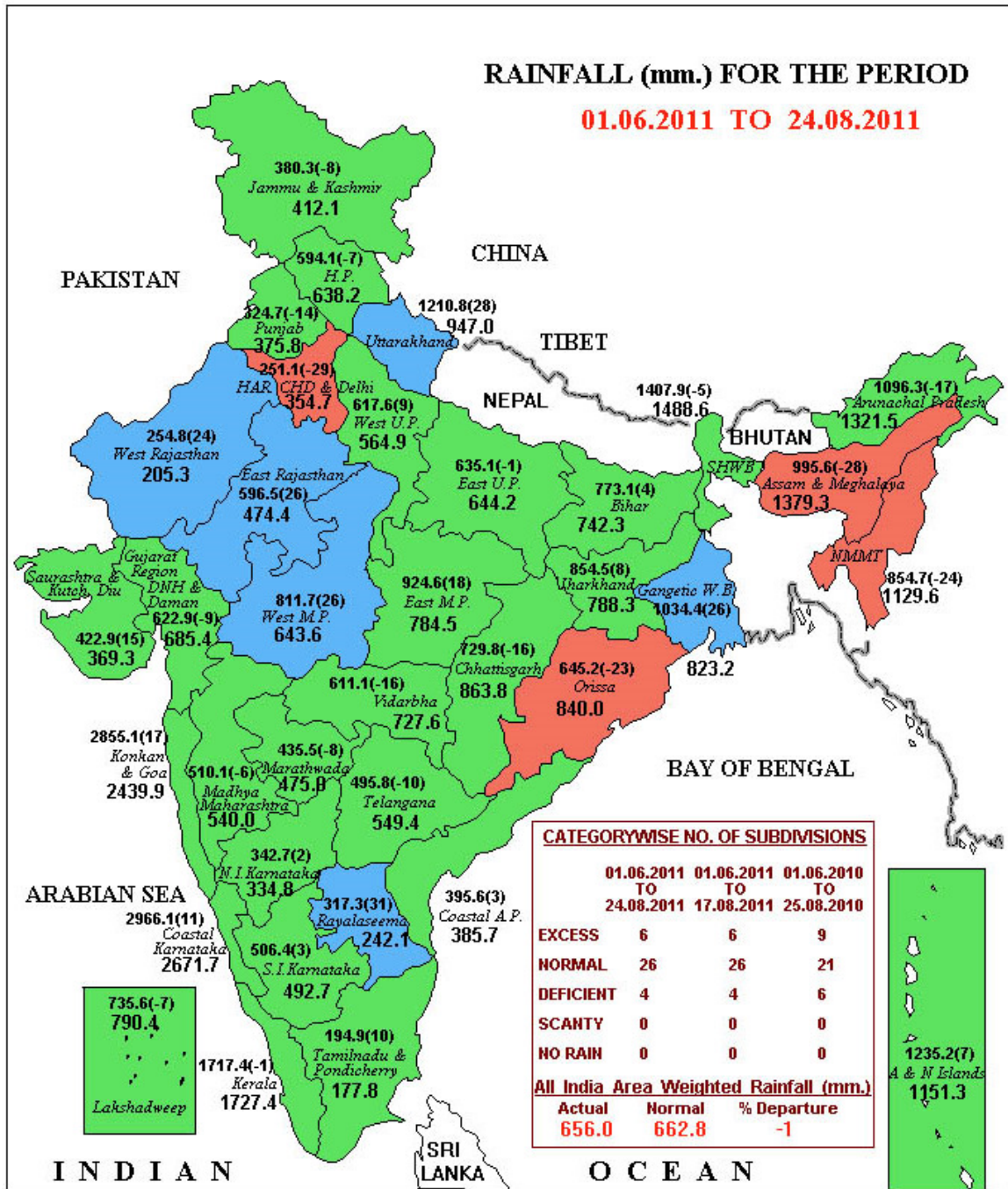
Next weekly update will be issued on next Friday i.e. 2 September, 2011



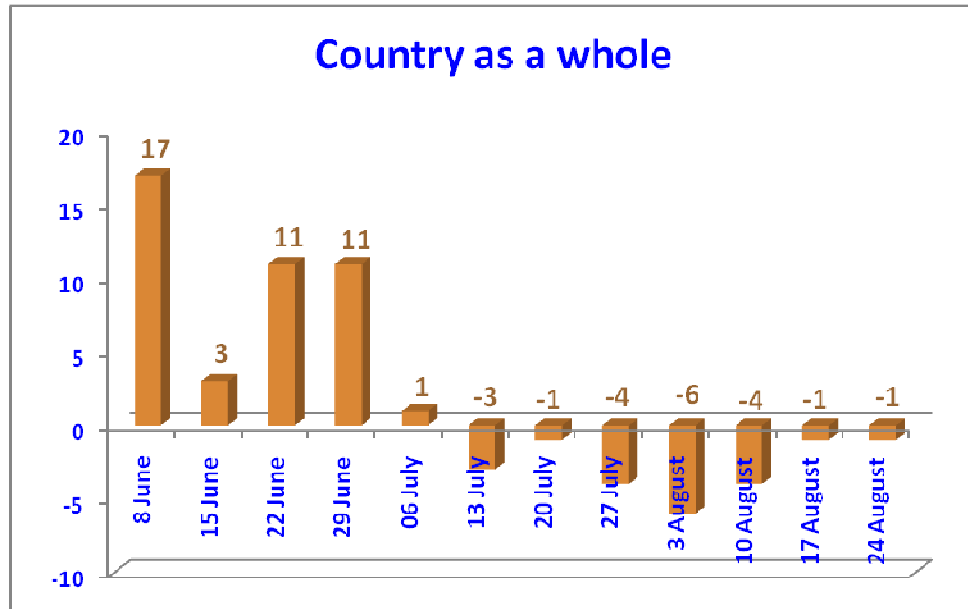
LEGEND: ■ EXCESS (+20% OR MORE) ■ NORMAL (+19% TO -19%) ■ DEFICIENT (-20% TO -59%)
■ SCANTY (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA



Week-by-week rainfall departure (%) from LPA



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Week-by-week seasonal rainfall departure (%) from LPA