

CURRENT STATUS OF MONSOON 2009

Main Meteorological conditions of the last week (27August to 2 September)

- ❖ Last week's low pressure area over Orissa and neighbourhood moved west-northwestwards across central India and weakened on 30th August over West Madhya Pradesh. However, its remnant affected south Rajasthan and Gujarat till 1st September.
- ❖ The axis of the monsoon trough at mean sea level remained near its normal position on many days, with day to day north-south oscillation.
- ❖ An upper air cyclonic circulation affected east & central India towards the end of the week.
- ❖ A western disturbance as an upper air system affected northwest India towards the end of the week.

Rainfall during the week (27August to 2 September)

- During this week, country as a whole received rainfall which is 4% more than the normal.
- Many parts of central & south Peninsula has received normal or excess rainfall.
- The rainfall was deficient along the foothills of Himalayas.

Table 1. Rainfall over country as a whole and four homogeneous regions

Regions	Rainfall during the week		
	Actual (mm)	Normal (mm)	Departure (%)
Country as a whole	51.7	49.7	+4
Northwest India	30.2	38.0	-21
Central India	73.4	59.4	+24
South Peninsula	52.4	35.1	+49
North East India	46.3	69.6	-33

The sub-divisionwise rainfall distribution during the week ending 2 September 2009 is shown in Fig.1. Out of 36 meteorological sub-divisions, rainfall was excess in 15, normal in 11, deficient in 9 and scanty in 1 sub-division (Jammu & Kashmir).

Seasonal Rainfall Scenario (1 June to 2September)

The cumulative seasonal rainfall for the country as a whole during this year's monsoon has been 23% below the Long Period Average (LPA) against 25% below LPA upto last week (26th August). Progressive cumulative rainfall

departure from LPA during monsoon season 2009 for the country as a whole and over four broad homogeneous regions of India are given in Table 2.

Table 2. Week by week progress of cumulative seasonal rainfall

Period ending	Country as a whole	Northwest India	Central India	South Peninsula	North East India
03.06.09	-32	-40	-50	-14	-32
10.06.09	-39	-31	-56	-15	-44
17.06.09	-45	-26	-72	-21	-46
24.06.09	-54	-49	-73	-38	-55
01.07.09	-46	-45	-59	-31	-41
08.07.09	-36	-50	-40	-18	-34
15.07.09	-27	-43	-15	-12	-40
22.07.09	-19	-38	03	-6	-43
29.07.09	-19	-33	01	-15	-39
05.08.09	-25	-40	-13	-18	-36
12.08.09	-29	-43	-19	-23	-36
19.08.09	-26	-37	-22	-20	-27
26.08.09	-25	-40	-20	-14	-25
02.09.09	-23	-39	-17	-11	-26

The sub-divisionwise cumulative seasonal rainfall distribution as on 2 September 2009 is shown in Fig.2. Out of 36 meteorological sub-divisions, the cumulative seasonal rainfall was excess in 1, normal in 11, deficient in 23 and scanty in 1 (Haryana, Chandigarh & Delhi) sub-divisions. Considering district-wise scenario, rainfall during the period of 1 June to 2 September 2009 was excess in 8%, normal in 29%, deficient in 52% and scanty in 11% of total districts of the country.

Meteorological conditions for the next week

- ❖ A well marked low pressure area lies over northwest Bay of Bengal and adjoining Orissa coast likely to intensify into a depression and move northwestwards.
- ❖ Meteorological analysis indicates strengthening of the monsoon current.
- ❖ Axis of the monsoon trough at mean sea level is likely to remain south of its normal position during most days of the week.

Weather forecast for next one Week

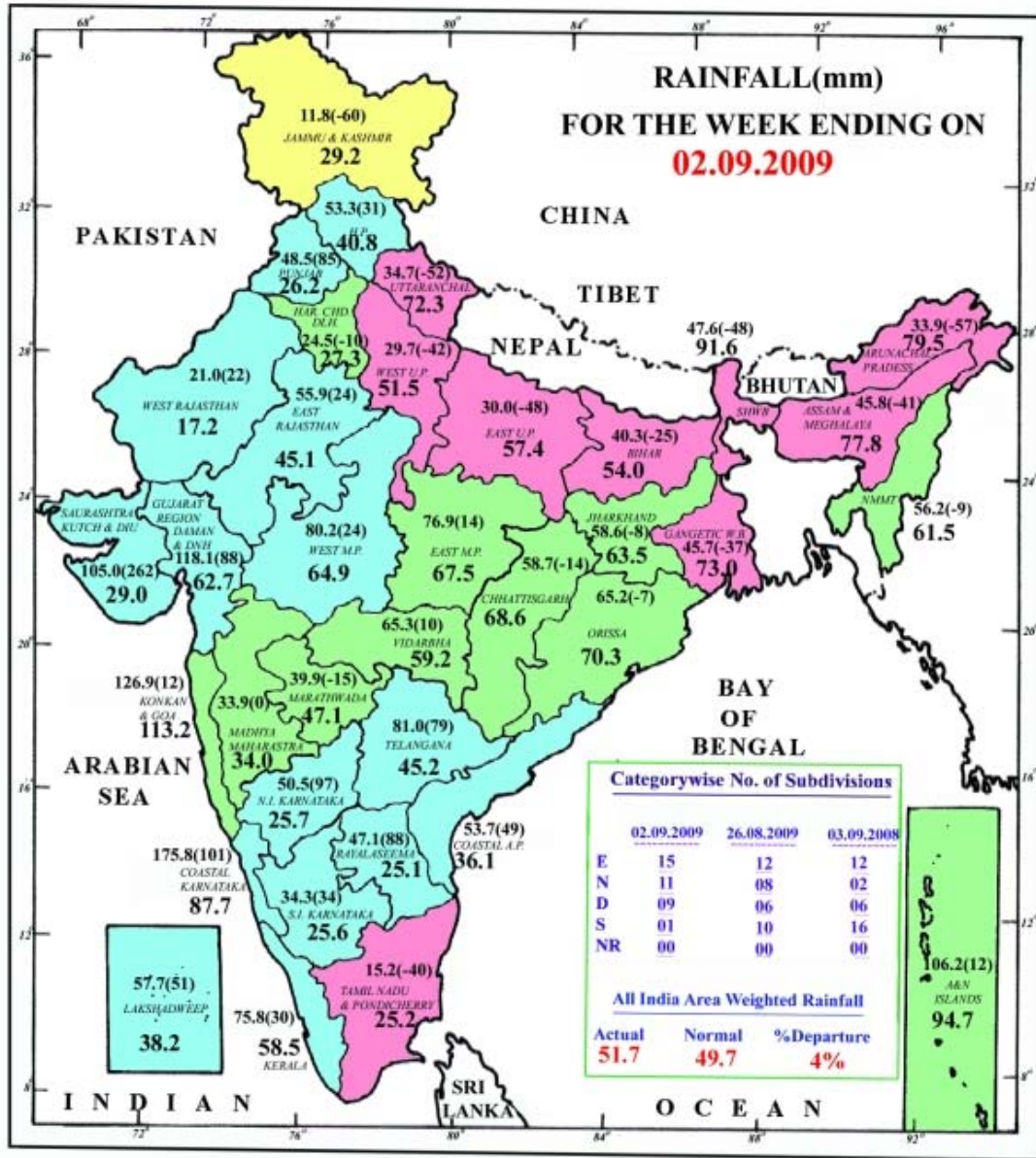
Under the present and forecast meteorological conditions, monsoon is likely to remain active over many parts of east & central India with near normal rainfall over the country as a whole. The detailed forecast is given below:

Fairly widespread rainfall activity with isolated heavy to very falls is likely over east & central India on many days of the week.

- ❖ Fairly widespread rainfall activity with isolated heavy to very falls is also likely along the west coast.**
- ❖ Scattered rainfall is likely over northeastern states and northwest India except over Uttar Pradesh & Uttarakhand, where rainfall is likely at many places on many days of the week.**
- ❖ Subdued rainfall activity is likely over southeast peninsula.**

Next Press Release will be issued around 11 September 2009.

भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT



LEGEND :

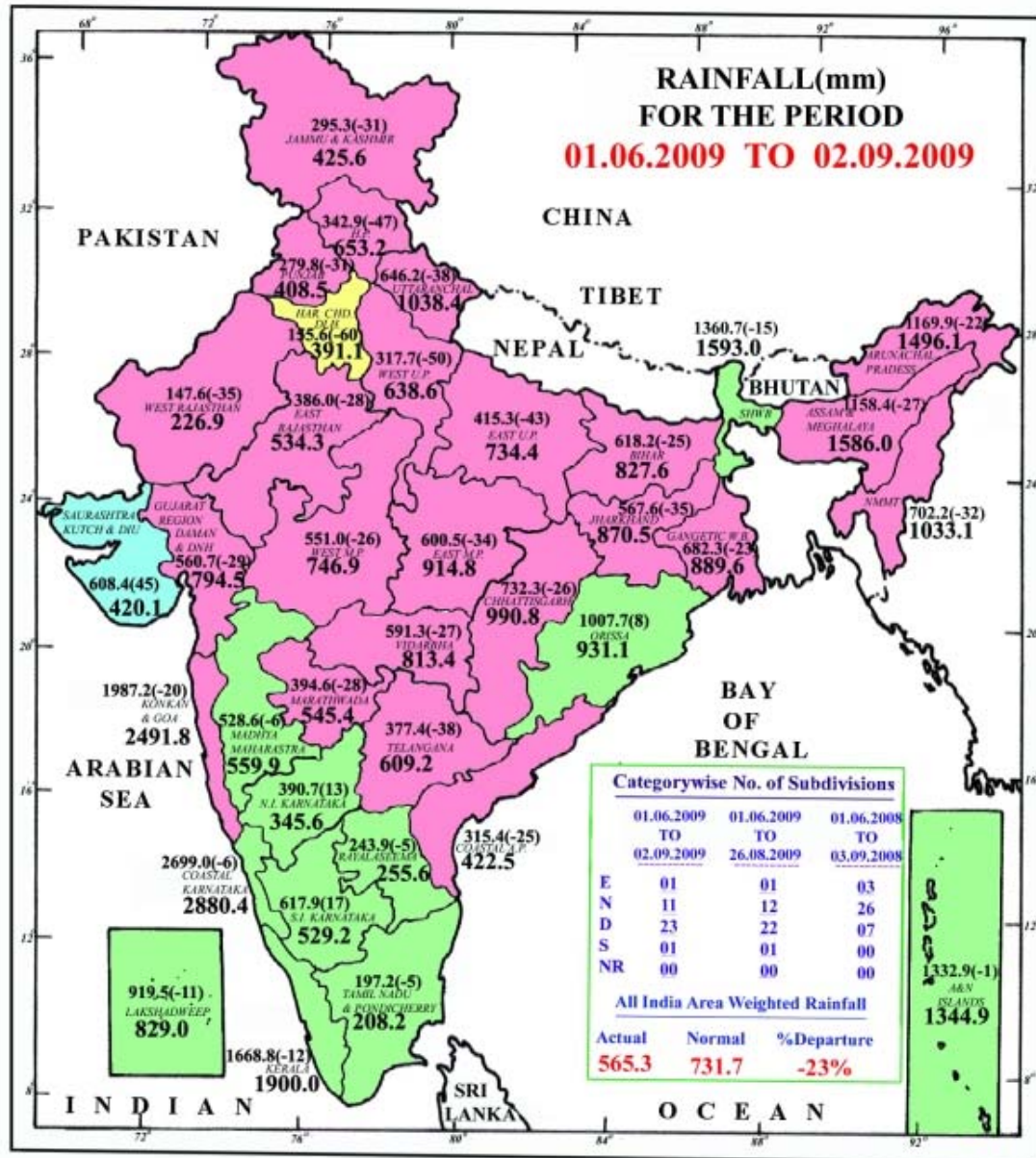
EXCESS (E) + 20% OR MORE	NORMAL (N) +19% TO -19%	DEFICIENT (D) -20% TO -59%
SCANTY (S) -60% TO -99%	NO RAIN (NR) -100%	NO DATA

NOTES:

- (a) Rainfall figures are based on operational data.
- (b) Small figures indicate actual rainfall (mm), while bold figures indicate normal rainfall (mm). Percentage departures of rainfall are shown in brackets.

Fig. 1 Sub-divisionwise rainfall for the week 27 August to 02 September, 2009

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Fig. 2 Sub-divisionwise rainfall for the period from 01 June to 02 September, 2009.
