

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 1471
TO BE ANSWERED ON 16th July, 2009

AVERAGE MONSOON RAINFALL

1471. SHRI SHIVANAND TIWARI:
SHRI RAM JETHMALANI:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether it is a fact that the country gets average monsoon rains from May to the end of September;
- (b) if not, the facts thereof and the month-wise percentage of total monsoon rains between May and September and the total annual volume of water made available in the country by average monsoon rainfall; and
- (c) of this available quantity of water, the volume which is conserved and used in different areas?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE)
MINISTRY OF SCIENCE AND TECHNOLOGY, MINISTRY OF EARTH SCIENCES,
MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE, MINISTER OF STATE
IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND
MINISTER OF STATE IN THE MINISTRY OF PARLIMENTARY AFFAIRS
(SHRI PRITHVIRAJ CHAVAN)

- (a) No Sir.
- (b) The principal rainfall season of the country is the Southwest Monsoon Season that starts from 1st June and ends with 30th September. Percentage of rain received from May to September to the annual normal rainfall to that of June to September of the southwest monsoon seasonal is given below:

Annual normal	119.7 cm
Southwest Monsoon Seasonal normal (June to September)	89.2 cm

Month	Normal Rainfall (cm)	Percentage of of annual normal	Percentage of season (June to Sep.)
June	16.3	13.6	18.2
July	29.3	24.5	32.9
August	26.2	21.8	29.4
September	17.5	14.6	19.5

(c) Details of available quantity of water, volume conserved and used in different areas are given below (in Billion Cubic Meters-BCM):

(i)	Average quantity due to annual rainfall:	3693.6 BCM
(ii)	Average quantity due to summer Monsoon rainfall:	2752.4 BCM
(iii)	Estimated utilizable surface water Potential:	690 BCM
(iv)	Total replenishable ground water Resources:	433 BCM
(v)	Ground water potential available For Domestic, Industrial and Other Purposes:	71 BCM
(vi)	Storage available due to completed Major & Medium Irrigation Projects:	225.14 BCM
(vii)	Estimated additional storage due to Projects under construction:	171.43 BCM
(viii)	Monitoring of storage by the Central Water Commission (CWC) across the River basins of India (81 Major Reservoirs):	151.77 BCM
