

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCE
RAJYA SABHA
UNSTARRED QUESTION NO. 2909
TO BE ANSWERED ON 30th July, 2009

RAIN RUN OFF

2909. SHRI RAHUL BAJAJ:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) the percentage of the rain that runs off in our country;
- (b) whether there are any inter-state variations; and
- (c) the plans that exist for reducing this run off?

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) Approximately, an amount of 49.66% of rain converts to run off out of the Annual Rain fall quantum of 119.6 cm.
- (b) Yes, there are interstate variations in the rain run off due to following factors:
 - (i) Temperature
 - (ii) Porosity of soils in the catchment.
 - (iii) Water retaining bodies, such as Dam Reservoirs, lakes, ponds etc.
 - (iv) Intensity of rain.
 - (v) Slope of the catchment etc.
- (c) Various Water resources projects for increasing storing water capacity have been planned in the catchments of the rivers by various states.
