

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:3610
ANSWERED ON:10.09.2007
REGULAR MONITORING OF FLOW OF RIVERS
Singh Kunwar Rewati Raman

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether there is an urgent need for regular monitoring of the course of river channels upstream/downstream of all Bridges, Dams, Weirs etc. which affects the natural flow of the rivers so that likely damages to pucca structures across the rivers may be remedied well in time;
- (b) if so, the details thereof;
- (c) whether such an exercise has not been carried out in respect of a number of structures;
- (d) if so, the details thereof and the reasons therefor; and
- (e) the time by which it is likely to be undertaken?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAI PRAKASH NARAYAN YADAV)

(a) to (e) Central Water Commission (CWC) carries out gauge, discharge, sediment study on important rivers on regular basis at selected locations. It also observes pre and post monsoon cross section at selected locations. These information are used in carrying out design of important structures on river course and specific study if required may be carried out with this data. Monitoring specially for the course of river channels upstream/downstream of all Bridges, Dams and Weirs etc. are not carried out by the CWC. However, Morphological study of river Gandak, Ghaghara and Sutlej using remote sensing technique is in progress which includes performance evaluation of major flood control/hydraulic structures such as embankments, spurs, bridges etc. executed so far from morphological point of view as well as their effect on river behavior.

Maintenance of structures such as bridges, dams, weirs etc. is within the purview of the concerned State Governments/project owners which is to be carried out by regular inspection of structures and by taking necessary remedial measures from time to time to ensure safety of structures from the engineering point of view. Central Water Commission under the Ministry of Water Resources provides necessary technical support if so required by the State Government/Project owners.