

**Decreasing storage capacity of reservoirs**

†1214. DR. KIRODI LAL MEENA: Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether Government is aware that the storage capacity of all the reservoirs of major rivers of the country are decreasing due to sand and sediment deposits;
- (b) if so, the details thereof; and
- (c) whether Government intends to clean the reservoirs and resolve the problem?

THE MINISTER OF STATE IN THE MINISTRY OF JAL SHAKTI (SHRI RATTAN LAL KATARIA): (a) and (b) The data on deposition of sand and sediment in reservoirs has been collected and compiled in the compilation namely 'Compendium on Siltation of Reservoirs in India (2015)' which contains information of 243 reservoirs and the details of the same is available on CWC Website [www.cwc.gov.in](http://www.cwc.gov.in). In addition, sedimentation studies of 129 reservoirs were carried out between year 1989-90 to 2019 by Central Water Commission by remote sensing. In these studies, the annual percentage loss in Storage Capacity has been found to vary from as low as 0.0045 to as high as 3.86.

(c) Cleaning of reservoirs is the responsibility of authorities owning them. The cleaning or de-siltation of reservoirs on large scale is generally not considered technoeconomically viable due the problems associated with disposal of excavated material. Further, deposits build up quickly again to pre cleaning level necessitating very costly regular cleaning.

**Providing adequate water for irrigation**

†1215. SHRIMATI CHHAYA VERMA:

SHRI VISHAMBHAR PRASAD NISHAD:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the current mechanism for rainwater harvesting to provide adequate water for irrigation to the farmers;

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†Original notice of the question was received in Hindi.