

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. †2675
ANSWERED ON 27.12.2018

REMOVAL OF SILT FROM DAMS

†2675. SHRI HARISH CHANDRA ALIAS HARISH DWIVEDI

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) the total number of dams in the country, State-wise;
- (b) whether dams get damaged due to deposition of silt and if so, the details thereof;
- (c) the funds spent on removing silt from dams and on their maintenance during each of the last three years and the current year, State-wise; and
- (d) the names of the dams that broke during the said period?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS
(SHRI ARJUN RAM MEGHWAL)

- (a) Central Water Commission (CWC) maintains National Register of Large Dams (NRLD) as per information provided by State Govts/ Dam owners. As per NRLD, there are 5701 large dams (5264 completed and 437 under construction). The State-wise details of large dams is at **Annexure-I**.
- (b) Silt accumulation in the reservoirs is a natural process. While designing a storage project, provision for Dead Storage is kept to accommodate the silt coming from upstream catchment. The dead storage is so kept as to accommodate the silt for 100 years of project life assuming a certain design rate of siltation which is based on certain factors. Any deposition of silt in the dead storage zone does not affect the performance of the reservoir. Dam's storage capacity gets reduced if rate of siltation is more than assumed/expected rate of siltation.
- (c) Desiltation and maintenance of dams is primarily the responsibility of dam owners who are generally State Government or Central/State PSUs. However, desiltation work has been taken up at limited scale by some of the dam owners. Under World Bank assisted Dam Rehabilitation and Improvement Project (DRIP), there is need-based provision of desiltation of dams. De-siltation works of two dams viz. Kundahapalam dam and Papanasam Weir in Tamil Nadu at a cost of Rs. 18.18 Crores and Rs. 13.25 Crores respectively have been awarded in the year 2017. Desiltation of one dam of Uttarakhand Jal Vidyut Nigam Limited (UJVNL) viz. Asan Barrage at a cost of Rs. 1.83 Crores has been carried out in 2017-18.
- (d) No dam failure is reported by State Governments / dam owners during the last three years.

Statement referred to in reply to part (a) of Unstarred Question No. 2675 to be answered in Lok Sabha on 27.12.2018 regarding Removal of Silt from Dams.

Statewise detail of large dams

S.No.	States/ UT	Completed dams	Dams Under Construction
1	Andaman & Nicobar Islands	2	-
2	Andhra Pradesh	142	25
3	Arunachal Pradesh	1	3
4	Assam	3	1
5	Bihar	24	2
6	Chhattisgarh	248	10
7	Goa	5	-
8	Gujarat	620	12
9	Himachal Pradesh	19	1
10	Haryana	1	-
11	Jammu & Kashmir	14	3
12	Jharkhand	50	29
13	Karnataka	230	1
14	Kerala	61	1
15	Madhya Pradesh	899	7
16	Maharashtra	2069	285
17	Manipur	3	1
18	Meghalaya	8	-
19	Mizoram	-	1
20	Nagaland	1	-
21	Odisha	199	5
22	Punjab	14	2
23	Rajasthan	209	2
24	Sikkim	2	-
25	Tamil Nadu	116	-
26	Telangana	163	21
27	Tripura	1	-
28	Uttar Pradesh	115	15
29	Uttarakhand	16	9
30	West Bengal	29	1
GRAND TOTAL		5264	437