

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 188
ANSWERED ON 02.02.2017

NATIONAL DATABASE FOR WATER BODIES

188. SHRI VENKATESH BABU T.G.

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

- (a) whether the Government has taken any steps to have a complete information about the status of water bodies, their shrinkage, change in land use and to have a National Database of the same and if so, the details thereof;
- (b) whether any target has been fixed to restore large number of water bodies during the current Plan period and also to pursue the States to include water bodies in land records; and
- (c) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION

(DR. SANJEEV KUMAR BALYAN)

(a) to (c) Works related to water resources development & management are planned, funded, executed and maintained by the State Governments themselves as per their own resources and priorities. In order to supplement the efforts of the State Governments, Government of India provides technical and financial assistance to State Governments to encourage sustainable development and efficient management of water resources through various schemes and programmes such as scheme for Repair, Renovation and Restoration (RRR) of water bodies etc.

In India-WRIS Project, Ministry of Water Resources, River Development and Ganga Rejuvenation in association with NRSC, has mapped a total of 7,98,908 water bodies with water spread area of more than 0.01 ha in the country. Each water body has been assigned unique identification number. As per the 4th Minor Irrigation Census conducted by this Ministry, out of these, 5,23,816 water bodies are in rural areas and used for minor irrigation only. Of these 4,43,688 water bodies were in use and 80,128 were not in use. State wise details are at **Annexure-I**.

Out of 80128 water bodies not in use, it is noted that 18485 water bodies were permanently not in use for minor irrigation due to various reasons like being dried up, salinity, etc. State wise details are at **Annexure-II**.

In XII Plan, so far 1354 water bodies have been included under RRR of water bodies scheme. Works in 464 water bodies have been completed and the works in balance 890 water bodies are planned to be completed by March, 2018.

Secretary (WR, RD & GR) vide letter dated 07.11.2016 addressed to Chief Secretaries of the States, requested for inclusion of water bodies in land records of State Govt. Further, 'Draft guidelines for Conservation and Protection of Water Bodies' have been circulated to the Central Ministries and State/UTs.

Annexure-1 referred to in reply to Part (a) to (c) of Lok Sabha Unstarred Question No. 188 due for answer on 02.02.2017 regarding National Database for Water Bodies

4TH Minor Irrigation Census (2006-07)

State wise list of Water Bodies

(Surface Flow Schemes - Reservoirs, Tanks, Other Storages)

(Surface Lift Schemes - Lift on Tanks/Ponds)

NUMBER OF WATER BODIES

S. No	State Name	Water bodies (with Not-in use MI schemes)	Water bodies (with In-Use MI schemes)	Total Water bodies
1	ANDHRA PRADESH	22877	49123	72000
2	ARUNACHAL PRADESH	16	68	84
3	ASSAM	129	885	1014
4	BIHAR	966	4243	5209
5	CHHATTISGARH	6955	40864	47819
6	GOA	29	711	740
7	GUJARAT	1927	6341	8268
8	HARYANA	0	261	261
9	HIMACHAL PRADESH	33	812	845
10	JAMMU & KASHMIR	168	4720	4888
11	JHARKHAND	5316	38128	43444
12	KARNATAKA	14918	14563	29481
13	KERALA	167	8218	8385
14	MADHYA PRADESH	1493	54654	56147
15	MAHARASHTRA	517	88214	88731
16	MANIPUR	0	9	9
17	MEGHALAYA	59	98	157
18	MIZORAM	12	479	491
19	NAGALAND	60	106	166
20	ODISHA	5567	34339	39906
21	PUNJAB	0	205	205
22	RAJASTHAN	1573	2399	3972
23	SIKKIM	0	0	0
24	TAMIL NADU	11039	26135	37174
25	TRIPURA	19	515	534
26	UTTAR PRADESH	488	6391	6879
27	UTTARAKHAND	2479	6145	8624
28	WEST BENGAL	3292	53672	56964
29	ANDAMAN & NICOBARS	29	1347	1376
30	CHANDIGARH	0	0	0
31	DADRA & NAGAR HAVELI	0	31	31
32	DAMAN & DIU	-	-	-
33	DELHI	0	10	10
34	LAKSHADWEEP	-	-	-
35	PUDUCHERRY	0	2	2
	Total :	80128	443688	523816

Note 1:- Water bodies cover all natural or artificial units with some or no masonry work used for storing water for **minor irrigation**. These are usually of various types known by different names like tank, reservoir, pond.

In MI Census information is collected for **villages/ rural areas only**.

Note 2:-

Note 3:-

The above data pertains to only those Water Bodies where some minor irrigation scheme(s) (either in-use or not-in-use) is/are installed or those water bodies which function as surface flow schemes.

Note 4:-

4th Minor Irrigation Census not conducted in Lakshadweep and Daman & Diu

Annexure-II referred to in reply to Part (a) to (c) of Lok Sabha Unstarred Question No. 188 due for answer on 02.02.2017 regarding National Database for Water Bodies

Minor Irrigation Census (2006-07)

State wise list of Water Bodies

(Surface Flow Schemes - Reservoirs, Tanks, Other Storages)

(Surface Lift Schemes - Lift on Tanks/Ponds)

Unit In nos.

S.No	State Name	Water Bodies with Permanently not-in-use MI Schemes					
		Total	Due to Salinity	Dried up	Destroyed beyond Repair	Due to sinking	Any other Reason
			1	2	3	4	5
1	ANDHRA PRADESH	6202	1381	3450	795	61	515
2	ARUNACHAL PRADESH	8	0	0	7	1	0
3	ASSAM	20	0	0	20	0	0
4	BIHAR	89	20	23	10	22	14
5	CHHATTISGARH	170	25	53	39	21	32
6	GOA	5	0	0	0	0	5
7	GUJARAT	1093	27	883	5	15	163
8	HIMACHAL PRADESH	14	0	6	4	0	4
9	JAMMU & KASHMIR	71	2	4	0	0	65
10	JHARKHAND	764	24	626	29	35	50
11	KARNATAKA	1268	164	370	237	69	428
12	KERALA	43	8	5	24	0	6
13	MADHYA PRADESH	614	82	166	281	17	68
14	MAHARASHTRA	58	13	8	3	3	31
15	MEGHALAYA	47	0	2	45	0	0
16	NAGALAND	2	0	0	1	0	1
17	ODISHA	1305	5	288	776	23	213
18	RAJASTHAN	266	0	181	39	4	42
19	TAMIL NADU	4680	621	581	38	23	3417
20	TRIPURA	8	0	0	8	0	0
21	UTTAR PRADESH	68	3	32	11	3	19
22	UTTARAKHAND	1024	11	359	203	157	294
23	WEST BENGAL	665	7	98	72	42	446
24	ANDAMAN & NICOBARS	1	1	0	0	0	0
	Total : .	18485	2394	7135	2647	496	5813

Note 1:- Water bodies cover all natural or artificial units with some or no masonry work used for storing water for **minor irrigation**. These are usually of various types known by different names like tank, reservoir, pond.

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Note 3:- The above data pertains to only those Water Bodies where some minor irrigation scheme(s) (either in-use or not-in-use) is/are installed or those water bodies which function as surface flow schemes.

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