

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

RAJYA SABHA

UNSTARRED QUESTION NO. 2008

ANSWERED ON 07.08.2023

WATER BODIES CENSUS

2008. DR. SANTANU SEN

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) the details of the report of country's first water bodies census released by Government in April 2023 and its objectives, scope, methodology, and findings;
- (b) the number and types of water bodies enumerated in the census across all States and Union Territories and their status, condition, and usage;
- (c) the details thereof; and
- (d) the measures taken by Government to disseminate, update, and utilize the census data for policy making, research, advocacy, and awareness?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) to (c) Ministry of Jal Shakti launched the first census of water bodies in convergence with the sixth minor irrigation census (reference year 2017-18), under the Centrally Sponsored Scheme – “Irrigation Census”. The objective of the census of water bodies is to develop a national database for all water bodies by collecting information on all important aspects of the subject including their size, condition, status of encroachments, use, storage capacity etc.

All natural or man-made units bounded on all sides with some or no masonry work used for storing water for irrigation or other purposes (e.g. industrial, pisciculture, domestic/drinking, recreation, religious, ground water recharge etc.) were treated as water bodies in the first census of water bodies. All such water bodies were enumerated in rural as well as urban areas as per the master data provided by the States/UTs at the time of launch of the census. The first census of water bodies was conducted in convergence with the sixth Minor Irrigation census and the census was conducted by the State/UT Governments through nodal department identified in each State /UT for this purpose.

In the first census of water bodies, a total of 24,24,540 water bodies were reported in the country out of which 23,55,055 water bodies are in rural areas and 69,485 water bodies are in urban areas. State-wise information on number of ‘in use’ and ‘not in use’ water bodies in rural and urban area as available from the first census of water bodies is given in the **Annexure I**. State-wise information on number of ‘in use’ water bodies according to type of use as available from the first census of water bodies is given in the **Annexure II**.

(d) The All India and State-wise report on First Census of Water Bodies has been published and is available on the website ‘<https://jalshakti-dowr.gov.in>’. This report will be useful for research scholars, agricultural and water scientists, planners and policy makers, administrators and all other stakeholders in the water resources sector. Key results have been disseminated on Bhuvan portal and the State-wise unit level data is also disseminated on Open Government Data (OGD) platform. Updation of the information collected on water bodies will be carried out in the upcoming censuses. Under “Irrigation Census” scheme, the preliminary work for the same has already been initiated.

Further, water being a State subject, steps for augmentation, conservation and efficient management of water resources are primarily undertaken by respective State Governments. In order to supplement the efforts of the State Governments, Central Government provides technical and financial assistance to them through various schemes and programmes.

ANNEXURE I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) to (c) OF UNSTARRED QUESTION NO.2008 TO BE ANSWERED IN RAJYA SABHA ON 07.08.2023 REGARDING “WATER BODIES CENSUS”.

State-wise number of water bodies reported in the first Census of Water bodies

S.no.	States/UTs	No. of ‘in use’ Water bodies			No. of ‘not in use’ Water bodies			Total Water bodies		
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1	Andaman & Nicobar Islands	3307	27	3334	190	4	194	3497	31	3528
2	Andhra Pradesh	148899	380	149279	41364	134	41498	190263	514	190777
3	Arunachal Pradesh	781	84	865	112	16	128	893	100	993
4	Assam	167063	2289	169352	3049	91	3140	170112	2380	172492
5	Bihar	22094	900	22994	21737	1062	22799	43831	1962	45793
6	Chandigarh	23	165	188	0	0	0	23	165	188
7	Chhattisgarh	28605	371	28976	4914	110	5024	33519	481	34000
8	Delhi	237	0	237	612	44	656	849	44	893
9	Goa	1063	40	1103	343	17	360	1406	57	1463
10	Gujarat	53156	747	53903	0	166	166	53156	913	54069
11	Haryana	8794	0	8794	6104	0	6104	14898	0	14898
12	Himachal Pradesh	75305	566	75871	12059	87	12146	87364	653	88017
13	Jammu & Kashmir	7431	62	7493	2256	16	2272	9687	78	9765
14	Jharkhand	93302	1232	94534	12874	190	13064	106176	1422	107598
15	Karnataka	5874	0	5874	20350	789	21139	26224	789	27013
16	Kerala	41636	4914	46550	8089	1095	9184	49725	6009	55734
17	Madhya Pradesh	36798	459	37257	44214	1172	45386	81012	1631	82643
18	Maharashtra	95316	717	96033	1027	2	1029	96343	719	97062
19	Manipur	1314	287	1601	55	2	57	1369	289	1658
20	Meghalaya	12095	525	12620	703	9	712	12798	534	13332
21	Mizoram	1327	736	2063	109	13	122	1436	749	2185
22	Nagaland	1238	142	1380	49	3	52	1287	145	1432
23	Odisha	158780	3427	162207	19274	356	19630	178054	3783	181837
24	Puducherry	588	99	687	462	22	484	1050	121	1171
25	Punjab	7592	88	7680	8239	93	8332	15831	181	16012
26	Rajasthan	13299	117	13416	3451	72	3523	16750	189	16939
27	Sikkim	110	11	121	12	1	13	122	12	134
28	Tamil Nadu	51579	5181	56760	47835	2362	50197	99414	7543	106957
29	Telangana	50951	781	51732	12112	211	12323	63063	992	64055
30	Tripura	32140	4095	36235	0	4	4	32140	4099	36239
31	Uttarakhand	2287	84	2371	683	42	725	2970	126	3096
32	Uttar Pradesh	176160	3426	179586	63979	1522	65501	240139	4948	245087
33	West Bengal	676061	22883	698944	43593	4943	48536	719654	27826	747480
	Total	1975205	54835	2030040	379850	14650	394500	2355055	69485	2424540

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State-wise number of ‘in use’ water bodies according to type of use

S.No	States/UTs	Type of use								
		Irrigation	Industrial	Pisciculture	Domestic/Drinking	Recreation	Religions	Ground water Recharge	Others	Total
1	Andaman & Nicobar Islands	2883	3	224	193	1	1	5	24	3334
2	Andhra Pradesh	37257	680	69510	1945	35	106	38460	1286	149279
3	Arunachal Pradesh	35	4	679	133	5	2	7	0	865
4	Assam	532	1279	152698	13459	64	93	5	1222	169352
5	Bihar	10488	506	8225	162	254	330	339	2690	22994
6	Chandigarh	0	0	0	175	0	2	0	11	188
7	Chhattisgarh	3139	627	12042	8389	376	293	946	3164	28976
8	Delhi	0	0	0	0	2	4	66	165	237
9	Goa	700	7	61	77	24	120	37	77	1103
10	Gujarat	26999	0	23669	149	152	20	2889	25	53903
11	Haryana	1	31	495	465	40	113	909	6740	8794
12	Himachal Pradesh	12751	116	395	55174	228	207	965	6035	75871
13	Jammu & Kashmir	719	12	97	5986	19	56	129	475	7493
14	Jharkhand	68286	1076	12720	4000	395	391	5036	2630	94534
15	Karnataka	3495	70	476	320	4	21	548	940	5874
16	Kerala	20038	260	2663	10192	1295	3591	6199	2312	46550
17	Madhya Pradesh	18901	305	1231	4272	133	468	3807	8140	37257
18	Maharashtra	7976	37	29	12473	78	59	74097	1284	96033
19	Manipur	74	0	365	1120	19	11	0	12	1601
20	Meghalaya	2395	35	9142	795	33	10	105	105	12620
21	Mizoram	254	23	1361	385	15	1	2	22	2063
22	Nagaland	109	22	1166	58	8	3	6	8	1380
23	Odisha	25289	3609	110647	11899	3452	683	1018	5610	162207
24	Puducherry	15	0	2	122	0	20	296	232	687
25	Punjab	216	191	129	559	97	48	5008	1432	7680
26	Rajasthan	5766	322	187	2511	244	137	2406	1843	13416
27	Sikkim	3	2	61	20	16	15	0	4	121
28	Tamil Nadu	20324	751	4196	8022	1623	1129	10903	9812	56760
29	Telangana	30085	168	850	432	110	145	19165	777	51732
30	Tripura	0	0	36216	7	3	1	0	8	36235
31	Uttarakhand	322	11	611	16	26	17	1267	101	2371
32	Uttar Pradesh	9090	1733	76071	2199	7326	6300	70298	6569	179586
33	West Bengal	27626	11218	600612	59488	0	0	0	0	698944
	Total	335768	23098	1126830	205197	16077	14397	244918	63755	2030040