

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
STARRED QUESTION NO. †*279
ANSWERED ON 16.12.2021

DATABASE ON WATER

†*279. SHRI NAYAB SINGH

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the Government has devised any special scheme for comprehensive database on water in public sector and if so, the details thereof;
- (b) whether the Government has made an assessment of the impact of climate change on water resources and if so, the details thereof;
- (c) the plan of the Government for focussing attention on the sensitive including over exploited areas; and
- (d) the details of the achievements made so far under 'Catch the Rain' initiative, State-wise along with the name of the State with the best performance thereunder?

ANSWER

THE MINISTER OF JAL SHAKTI

(SHRI GAJENDRA SINGH SHEKHAWAT)

(a) to (d) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. †*279 TO BE ANSWERED ON 16.12.2021 IN LOK SABHA REGARDING “DATABASE ON WATER” ASKED BY SHRI NAYAB SINGH.

(a) The Central Government has created National Water Informatics Centre (NWIC), a subordinate organization under this Department in March, 2018 to act as a central repository with a mandate to collect, collate, maintain and disseminate all information related to water resources in the country. NWIC maintains a web platform with web-link <https://indiawris.gov.in> in public domain which hosts the comprehensive data related to water sector.

(b) Ministry of Earth Sciences has published a report in 2020 “Assessment of Climate Change over the Indian Region,” which includes the impact on water resources. In addition, a number of research projects on the impact of climate change on water resources have been taken up through IITs, NITs etc.

(c) Water is a State subject but the Central Government supports the States with technical and financial support. The Government has taken a number of important measures for conservation, management of ground water and effective implementation of rain water harvesting in the country including over-exploited areas, which can be seen at

URL:http://jalshaktidowr.gov.in/sites/default/files/Steps_to_control_water_depletion_Feb2021.pdf. Some of the important initiatives in this regard are also given at **Annexure I**.

In addition, a number of States have done notable work in the field of water conservation/harvesting such as ‘Mukhyamantri Jal Swavlamban Abhiyan’ in Rajasthan, ‘Jalyukt Shibir’ in Maharashtra, ‘Sujalam Sufalam Abhiyan’ in Gujarat, ‘Mission Kakatiya’ in Telangana, Neeru Chettu’ in Andhra Pradesh, Jal Jeevan Hariyali in Bihar, ‘Jal Hi Jeevan’ in Haryana, and Kudimaramath scheme in Tamil Nadu.

(d) Ministry of Jal Shakti has taken up the “Jal Shakti Abhiyan: Catch the Rain” (JSA:CTR) with the theme “Catch the Rain - Where it Falls When it Falls” to cover all the blocks of all districts (rural as well as urban areas) across the country during 22nd March 2021 to 30th November 2021. The campaign was launched by the Hon’ble Prime Minister on 22 March 2021. The details of State-wise achievements of the States is given in **Annexure II**.

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF STARRED QUESTION NO.†*279 TO BE ANSWERED ON 16.12.2021 IN LOK SABHA REGARDING “DATABASE ON WATER”.

Important initiatives on management of groundwater resources

Government of India launched Jal Shakti Abhiyan (JSA) in 2019, a time bound campaign with a mission mode approach intended to improve water availability including ground water conditions in the water stressed blocks of 256 districts in India. In this regard, teams of officers from Central Government along-with technical officers from Ministry of Jal Shakti were deputed to visit water stressed districts and to work in close collaboration with district level officials to undertake suitable interventions.

In addition, Ministry of Jal Shakti has taken up the “Jal Shakti Abhiyan: Catch the Rain” (JSA:CTR) with the theme “Catch the Rain - Where it Falls When it Falls” to cover all the blocks of all districts (rural as well as urban areas) across the country during 22nd March 2021 to 30th November 2021. The campaign was launched by the Hon’ble Prime Minister on 22 March 2021.

Ministry of Jal Shakti, Department of Water Resources, RD & GR (DoWR, RD & GR) is implementing Atal Bhujal Yojana (Atal Jal), a Rs.6,000 crore Central Sector Scheme, for sustainable management of ground water resources with community participation. Atal Jal is being implemented in 81 water stressed districts and 8,774 Gram Panchayats of seven States viz. Gujarat, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan and Uttar Pradesh.

Central Ground Water Board (CGWB), in consultation with States/UTs, has prepared ‘Master Plan for Artificial Recharge to Groundwater - 2020’. The Master Plan – 2020 is a macro level plan indicating various structures for the different terrain conditions of the country. The Master Plan - 2020 envisages construction of about 1.42 crore rain water harvesting and artificial recharge structures in the country to harness 185 Billion Cubic Metre (BCM).

National Aquifer Mapping and Management program (NAQUIM) is being implemented by CGWB as part of Ground Water Management and Regulation (GWM & R) Scheme, a Central Sector scheme. NAQUIM envisages mapping of aquifers (water bearing formations), their characterization and development of Aquifer Management Plans to facilitate sustainable management of groundwater resources in the country. NAQUIM outputs are shared with States/UTs for suitable interventions.

Government of India generally supports artificial groundwater recharge/water harvesting works in the country through Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) and Prime Minister Krishi Sinchayee Yojana - Watershed Development component (PMKSY-WDC), ‘Surface Minor Irrigation (SMI) and Repair, Renovation and Restoration (RRR) of Water Bodies schemes’ a component of PMKSY.

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF STARRED QUESTION NO.†*279 TO BE ANSWERED ON 16.12.2021 IN LOK SABHA REGARDING “DATABASE ON WATER”.

Jal Shakti Abhiyan: Catch the Rain									
National Water Mission, Ministry of Jal Shakti									
Intervention-Wise Status Report (Status as on: 14-12-2021)									
Status as per uploaded on the portal https://jsactr.mowr.gov.in									
S.N.	State	Completed or Ongoing	Water Conservation and Rain Water Harvesting	Renovation of Traditional Water Bodies	Reuse and Recharge Structures	Watershed Development	Intensive Afforestation	Jal Shakti Kendra	Training Programmes/ Kisan Melas
1	ANDAMAN AND NICOBAR ISLANDS	Completed	48	879	56	12	899874	3	22
		Ongoing	0	0	0	0	0	0	0
2	ANDHRA PRADESH	Completed	89656	15482	1157	22454	799231	13	695
		Ongoing	86481	16657	731	18354	61015	0	0
3	ARUNACHAL PRADESH	Completed	268	8	77	182	692	1	353
		Ongoing	415	10	94	261	973	0	0
4	ASSAM	Completed	9729	1505	82	10428	524947	1	664
		Ongoing	7708	647	8	7233	7077	0	0
5	BIHAR	Completed	29214	6053	27545	18079	41096717	38	691
		Ongoing	14887	2089	9454	6950	48329	0	0
6	CHANDIGARH	Completed	65	0	0	0	231802	0	0
		Ongoing	0	0	0	0	0	0	0
7	CHHATTISGARH	Completed	36231	8857	4674	26054	738504	3	1312
		Ongoing	13826	4642	2860	10645	5123	0	0
8	DADRA AND NAGAR HAVELI AND DAMAN AND DIU	Completed	93	0	0	0	354402	2	5
		Ongoing	0	0	0	0	0	0	0
9	DELHI	Completed	52	34	0	0	3452775	7	5
		Ongoing	0	0	0	0	0	0	0
10	GOA	Completed	0	0	0	7	1	1	69
		Ongoing	9	16	15	35	42	0	0
11	GUJARAT	Completed	11821	6351	912	15086	169760	4	1405
		Ongoing	6145	4738	13423	13989	20525	0	0
12	HARYANA	Completed	48651	8389	25548	5715	14292256	21	26828
		Ongoing	562	937	676	1395	508	0	0
13	HIMACHAL PRADESH	Completed	7104	1297	618	19425	263678	7	158
		Ongoing	5468	957	337	15736	2312	0	0
14	JAMMU AND KASHMIR	Completed	13241	3380	1041	27110	3695	5	85
		Ongoing	7010	1542	580	13743	1829	0	0
15	JHARKHAND	Completed	35936	542	18139	133604	65786	0	416
		Ongoing	22879	501	11400	119860	85282	0	0
16	KARNATAKA	Completed	110109	10565	143171	112739	721866	0	119
		Ongoing	67361	10923	103067	100349	113306	0	0

17	KERALA	Completed	24863	8937	20253	64228	372006	13	42	
		Ongoing	12196	4988	12741	39861	7478	0	0	
18	LADAKH	Completed	646	5	2	596	49	0	37	
		Ongoing	478	17	7	592	22	0	0	
19	LAKSHADW EEP	Completed	2	1	0	0	1486	0	150	
		Ongoing	0	0	0	0	1	0	0	
20	MADHYA PRADESH	Completed	97037	3362	14957	84283	1510999	22	2805	
		Ongoing	56724	3086	33439	71428	18432	0	0	
21	MAHARASH RA	Completed	3767	1090	6940	6197	17763	12	2119	
		Ongoing	2529	523	15562	3630	59006	0	0	
22	MANIPUR	Completed	2381	649	28	725	57962	2	169	
		Ongoing	3165	870	10	1098	2579	0	0	
23	MEGHALA YA	Completed	1022	257	50	1187	146837	0	204	
		Ongoing	1955	274	110	2000	2494	0	0	
24	MIZORAM	Completed	5044	340	833	3017	1358	1	206	
		Ongoing	730	35	166	532	107	0	0	
25	NAGALAN D	Completed	150	11	6	49	1560411	0	182	
		Ongoing	166	25	31	182	1061	0	0	
26	ODISHA	Completed	30177	3644	6567	35320	1909313	1	132	
		Ongoing	38405	8690	3683	44620	37540	0	0	
27	PUDUCHE RRY	Completed	3	50	0	1	36030	1	9	
		Ongoing	3	411	0	1	0	0	0	
28	PUNJAB	Completed	581	2236	618	3763	5218	0	740	
		Ongoing	856	3424	571	5268	3481	0	0	
29	RAJASTHA N	Completed	122327	11244	665	62915	2336599	12	400	
		Ongoing	43451	6807	822	9515	10800	0	0	
30	SIKKIM	Completed	761	7	131	932	465219	2	29	
		Ongoing	153	8	202	724	697	0	0	
31	TAMIL NADU	Completed	164690	9477	141213	69901	2735058	1	1178	
		Ongoing	34231	4445	40083	24711	8954	0	0	
32	TELANGAN A	Completed	3802	4882	9559	6690	283043298	33	801	
		Ongoing	3263	5380	937	4429	47292	0	0	
33	TRIPURA	Completed	20925	661	1128	20133	133526	4	213	
		Ongoing	9331	247	451	15925	9578	0	0	
34	UTTAR PRADESH	Completed	37300	16806	16166	164031	5304335	56	989	
		Ongoing	40305	16579	17636	185830	88759	0	0	
35	UTTARAKHA ND	Completed	8807	2965	1174	22423	279095	13	242	
		Ongoing	6453	1096	882	13199	3994	0	0	
36	WEST BENGAL	Completed	75437	36043	31952	44581	2250057	0	151	
		Ongoing	35413	16374	2931	23354	201157	0	0	
Sub total		Completed	991940	166009	475262	981867	365782605	279	43625	
		Ongoing	522558	116938	272909	755449	849753	0	0	
Total			1514498	282947	748171	1737316	366632358	279	43625	
Grand Total of Completed and Ongoing Water Related Works			42,82,932							
