

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 4854
ANSWERED ON 25.03.2021

NAQUIM

4854. SHRI B.Y. RAGHAVENDRA

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether it is a fact that the National Aquifer Mapping and Management Programme (NAQUIM) is being implemented by the Government ;
- (b) if so, the details and the objectives thereof;
- (c) whether the Government has any contemplation to delineate and characterize the aquifers to develop plans for ground water management;
- (d) if so, the details thereof; and
- (e) whether the Government has set any timeframe to achieve the target under the said scheme and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT

(SHRI RATTAN LAL KATARIA)

(a) to (c) Central Ground Water Board (CGWB) is implementing National Aquifer Mapping and Management program (NAQUIM), which envisages mapping of aquifers (water bearing formations), their characterization and development of Aquifer Management Plans to facilitate sustainable management of Ground Water Resources.

NAQUIM was initiated in 2012 as a part of the 'Ground Water Management and Regulation' scheme with the objectives to delineate and characterize the aquifers and develop plans for sustainable ground water management in the country. The State-wise information is shared with States/Uts for implementation.

(d) Out of nearly 33 lakh sq km geographical area of the country, a mappable area of around 25 lakh sq km has been identified by the CGWB to be covered under this programme. So far, 15.57 lakh sq km areas have been covered. State/UT wise areas covered under the programme are given in **Annexure**.

(e) The remaining area is targeted to be covered by Mar 2023.

ANNEXURE

Annexure referred to in reply to part (d) of Unstarred Question No. 4854 to be answered in Lok Sabha on 25.03.2021 regarding "NAQUIM".

State and UT-wise areas (in sq km) for which aquifer maps have been prepared and management plans have been developed.

S. No.	Name of the State/UT	Area for which aquifer maps and management plans have been prepared (sq km)
1	Andaman & Nicobar	800
2	Andhra Pradesh	74785
3	Arunachal Pradesh	5502
4	Assam	26077
5	Bihar	26557
6	Chandigarh	115
7	Chhattisgarh	52546
8	Dadra & Nagar Haveli	490
9	Daman & Diu	0
10	Delhi	1483
11	Goa	3702
12	Gujarat	99177
13	Haryana	44179
14	Himachal Pradesh	7875
15	Jammu & Kashmir	9506
16	Jharkhand	30741
17	Karnataka	118236
18	Kerala	24126
19	Lakshdweep	32
20	Madhya Pradesh	119240
21	Maharashtra	184194
22	Manipur	2559
23	Meghalaya	9217
24	Mizoram	700
25	Nagaland	910
26	Odisha	57981
27	Pudducherry	454
28	Punjab	50368
29	Rajasthan	216430
30	Sikkim	280
31	Tamil Nadu	104391
32	Telangana	77521
33	Tripura	6757
34	Uttar Pradesh	157117
35	Uttarakhand	7811
36	West Bengal	35185
	Total	1557044