

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF DRINKING WATER AND SANITATION
LOK SABHA
UNSTARRED QUESTION NO. 3749
TO BE ANSWERED ON 23.03.2023

Functional Household Tap Connections

3749. SHRIMATI SUMALATHA AMBAREESH:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the Government has data regarding the functional household tap connections provided to Mandya district of Karnataka and if so, the details thereof;
- (b) whether any proposal to provide household tap connectivity is pending in Mandya district and if so, the details thereof along with the details of the steps taken by the Government to expedite the same;
- (c) whether the Government has conducted any survey regarding the availability of ground water in Mandya district and if so, the details thereof;
- (d) whether the Government has observed a decline in ground water table in Mandya district and if so, the details thereof;
- (e) whether the Government has data regarding the number of people who have no access to drinking water facilities in Mandya district and if so, the details thereof; and
- (f) whether any steps/measures are being taken to replenish the ground water table in Mandya district and if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF JAL SHAKTI
(SHRI PRAHLAD SINGH PATEL)

(a), (b) & (e) Government of India, in partnership with States/UTs is implementing Jal Jeevan Mission (JJM), since August 2019, to make provision of tap water supply to all rural households in the country including those in Mandya district of Karnataka.

At the time of announcement of Jal Jeevan Mission in August 2019, 2.16 lakh (54.56%) rural households were reported to have tap water connections in Mandya district. Since then additional 1.08 lakh rural households have been provided with tap water connections in last three and half years under JJM. Thus, as on 21.03.2023, out of 3.96 lakh rural households in Mandya, around 3.24 lakh (81.75%) households are reported to have tap water supply in their homes.

Drinking water is a State subject. The power to plan, design, approve and implement drinking

water supply schemes lies with State Government including Karnataka. Government of India supplements the efforts of the States by providing technical and financial assistance.

As reported by the State Government of Karnataka, as on 21.03.2023, 0.72 lakh rural households in Mandya districts are yet to be covered under JJM.

The State, district and village-wise detailed information on households with tap water connection is available on JJM dashboard, which is in public domain at:

<https://ejalshakti.gov.in/jjmreport/JJMIndia.aspx>

(c) The Dynamic Ground Water Resources of the country are periodically assessed jointly by Central Ground Water Board (CGWB) and the State Governments. As per the latest assessment (2022), in Mandya District, the Total Annual Ground Water Recharge is 71194.93 Hectare metre (Ham) and the Annual Extractable Ground Water Resource is 64599.53 Ham. The Annual Ground Water Extraction for all uses is 40193.83 Ham. The Stage of Ground Water Extraction, which is a measure of Annual Ground Water Extraction for all uses (irrigation, industrial and domestic uses) over Annual Extractable Ground Water Resource is 62%.

(d) Central Ground Water Board is periodically monitoring the ground water levels throughout the country on a regional scale through a network of monitoring wells. In order to assess the decline in water level on a long-term basis, the water level data collected by CGWB in Mandya District during November 2022 has been compared with the decadal average (2012-2021). Analysis of water level data (**Annexed**) indicates that about 34% of wells analyzed i.e., out of total 41 monitoring stations in Mandya district, 14 wells showing decline in ground water table and most of the wells in the range of 0-2 metres.

(f) The important steps taken by the Government for sustainable ground water management in Mandya District of Karnataka are as under:

- i.) Master Plan for Artificial Recharge to Groundwater- 2020 has been prepared by CGWB in consultation with States/UTs which is a macro level plan indicating various structures for the different terrain conditions of the country including estimated cost and the same has been circulated to all the States/UTs for implementation and also hosted at the website of CGWB
<http://cgwb.gov.in/Master%20Plan%20to%20GW%20Recharge%202020.pdf>
- ii.) CGWB has taken up Aquifer Mapping and Management Program under the scheme of Ground Water Management and Regulation. The Aquifer Mapping is aimed to delineate aquifer disposition and their characterization for preparation of aquifer/ area specific ground water management plans with community participation. The management plans for Mandya district of Karnataka have been completed for all the 7 taluks covering an area of 4991 sq.km. The management plans have been shared with the State Government agencies for taking appropriate measures/ implementation. The management plans for Mandya district of Karnataka are also hosted in the website of the CGWB:
<https://cgwb.gov.in/AQM/Karnataka%20Taluk%20Report%20MANDYA.html>.
- iii.) Model Building Bye Laws (MBBL) 2016 circulated by Ministry of Housing & Urban

Affairs include provisions for Rainwater Harvesting and it has been shared with all the States/ UTs. Karnataka also has adopted the provisions of rainwater harvesting of MBBL-2016.

- iv.) Hon'ble Prime Minister launched Amrit Sarovar Mission on 24th April 2022. The Mission is aimed at developing and rejuvenating 75 water bodies in each district of the country including Mandya as a part of celebration of Azadi ka Amrit Mahotsav.

Annexure

**Block-wise Decadal Water Level Fluctuation with Mean [November (2012 to 2021)] and
November 2022 in Mandya district**

District - Mandya											
Block Name	No. of Wells	Range of Fall (m)		No. of Wells/Percentage Showing Fall in Range						Total No. & % of Wells	
		Min	Max	0 to 2		2 to 4		>4		Fall	%Fall
				No.	%	No.	%	No.	%		
Krishnarajpet	2	-	-	0	0.0	0	0.0	0	0.0	0	0.0
Maddur	8	0.55	2.12	2	25.0	1	12.5	0	0.0	3	37.5
Malvalli	4	0.09	0.09	1	25.0	0	0.0	0	0.0	1	25.0
Mandya	5	0.25	0.25	1	20.0	0	0.0	0	0.0	1	20.0
Nagamangala	7	0.11	0.11	1	14.3	0	0.0	0	0.0	1	14.3
Pandavapura	8	0.17	1.08	3	37.5	0	0.0	0	0.0	3	37.5
Shrirangapattana	7	0.18	3.09	4	57.1	1	14.3	0	0.0	5	71.4
TOTAL	41	0.09	3.09	12	29.3	2	4.9	0	0.0	14	34.1