

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI  
DEPARTMENT OF DRINKING WATER & SANITATION

**LOK SABHA**  
**UNSTARRED QUESTION NO. 3293**  
ANSWERED ON 20/03/2025

**WATER SOURCES UNDER JJM**

3293. SHRI G M HARISH BALAYOGI:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the details of the water sources utilized for water supply under the Jal Jeevan Mission (JJM), source type, State and district-wise in Andhra Pradesh, especially in Konaseema district;
- (b) the number of tap connections receiving water supply from the above-mentioned sources in Konaseema district, water source-wise;
- (c) the details of the water levels of these sources utilized for JJM in Konaseema district during the last five years and the current year, year-wise;
- (d) whether the Government has assessed the seasonal variations in water availability from these sources and their impact on supply reliability, if so, the details thereof, source-wise;
- (e) the details of the monitoring mechanisms established for tracking water levels of JJM sources, including technologies such as remote sensing, GIS mapping, and IoT-based monitoring for real-time tracking; and
- (f) the remedial steps undertaken/being undertaken by the Government to ensure water level maintenance and replenishment of these sources?

**ANSWER**

MINISTER OF STATE FOR JAL SHAKTI  
(SHRI V. SOMANNA)

(a) Since August, 2019, Government of India is implementing Jal Jeevan Mission (JJM) in partnership with States to make provision of potable tap water supply in adequate quantity, of prescribed quality and on regular & long-term basis to every rural household in the country. Water being a state subject, the responsibility of planning, approval, implementation, operation, and maintenance of drinking water supply schemes/ works, including those under the Jal Jeevan Mission, lies with State/UT Governments. The Government of India supports the States by providing technical and financial assistance.

As reported by State Government of Andhra Pradesh, the details of the water sources utilized for water supply under the Jal Jeevan Mission (JJM), source type, State and district-wise in Andhra Pradesh, including those in Konaseema district, are at **Annexure-I**.

(b) The number of tap connections receiving water supply from the above-mentioned sources in Konaseema district, water source-wise, are as under:

Name of the District	No.of Tap connections receiving water		
	Ground Water Based	Surface Water Based	Ground Water & Surface Water both
Konaseema	1,28,558	84,856	72,537

(c) The details of Ground Water levels in meters (Below Ground level) in Konaseema district during last 5 years is enclosed at **Annexure – II**.

(d) As reported by Government of Andhra Pradesh, assessment of variation of water levels of 1524 Summer Storage tanks in the state and 42 Summer Storage tanks in Konaseema District, fed from canals is being carried out through a mobile application developed for capturing photo and Geotagging of Summer Storage tanks and the supply is planned accordingly.

Also, assessment of variation in Ground water levels is being done as per the data received Ground Water department and the supply is planned accordingly.

(e) & (f) Ministry of Jal Shakti does not monitor water levels for JJM sources. However, development of reliable drinking water sources and/ or augmentation of existing sources to provide long-term sustainability of water supply system in villages, is an integral part of JJM. To achieve this objective, following provisions have been made in operational guidelines for the implementation of JJM:

- i.) Any water supply scheme undertaken under JJM is approved only after the recommendation of a Source Finding Committee of the respective state government, to the effect that the identified water source through which the scheme is planned, has sufficient yield for sustaining water supply as per required norm, for the scheme design period.
- ii.) Development/ strengthening/ augmentation of drinking water sources and infrastructure for bulk transfer of water, treatment, and distribution systems in water deficit drought-prone and desert areas without dependable ground water sources apart from creation of in-village water supply infrastructure.
- iii.) Strengthening of drinking water sources in convergence with other schemes such as MGNREGS, Finance Commission grants to rural local bodies/ PRIs, MP & MLA's Local Area Development Fund, District Mineral Development Fund, CSR fund, etc.

Besides, National Water Mission (NWM) has developed a guidance document titled "Simple and Practical Methods of Artificial Recharge of Groundwater Augmentation" in the form of FAQs to provide technical support. Information, Education, and Communication (IEC) activities have also been undertaken to spread awareness about the initiative. A monitoring and evaluation framework has also been established through the Jal Sanchay Dashboard, which tracks progress with geo-tagged locations of recharge structures. CWC and CGWB also provide technical assistance for the creation and renovation of recharge structures to improve groundwater augmentation efforts.

In so far as Government of Andhra Pradesh is concerned, State has taken number of steps towards monitoring of drinking water sources viz. Geo-tagging of sources and summer tanks, tracking water levels of summer storage tanks, feeding from canals through mobile application for capturing photo.

Also, State is constructing Ground Water Recharge Structures under MGNREGS programme to rejuvenate/improve ground water levels in villages near JJM sources. All the summer storage tanks are filled well before the canal closure period to ensure uninterrupted water supply to Households during summer.

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## Annexure referred to in reply to part (a) of Lok Sabha Unstarred Q.No. 3293

## List of Sources in the State of Andhra Pradesh

Sr. No.	Name of the District	No. of Sources		
		Ground Water based	Surface Water based	Total
1	Alluri Sitharama Raju	7356	627	7983
2	Anakapalli	2958	64	3022
3	ANANTAPUR	3468	186	3654
4	Annamayya	7458	353	7811
5	Bapatla	828	463	1291
6	Chittoor	7803	45	7848
7	East Godavari	1356	28	1384
8	Eluru	3599	1358	4957
9	Guntur	755	618	1373
10	Kakinada	1346	259	1605
11	Konaseema	637	157	794
12	Krishna	1320	405	1725
13	Kurnool	1976	260	2236
14	Nandyal	2707	121	2828
15	NELLORE	5426	716	6142
16	NTR	1522	129	1651
17	Palnadu	2511	625	3136
18	Parvathipuram Manyam	3253	190	3443
19	Prakasam	3637	334	3971
20	Sri Sathya Sai	4544	177	4721
21	Srikakulam	5237	373	5610
22	Tirupati	6859	247	7106
23	Visakhapatnam	540	56	596
24	Vizianagaram	2215	656	2871
25	West Godavari	679	507	1186
26	Y.S.R	5598	424	6022
	<b>Total</b>	<b>85,588</b>	<b>9,378</b>	<b>94,966</b>

## Annexure referred to in reply to part (c) of Lok Sabha Unstarred Q.No. 3293

## Depth To Ground Water Table In Metres (Below Ground Level) In Konaseema District during Last 5 Years

Sr.No.	MANDAL	VILLAGE	May'20	Nov'20	May'21	Nov'21	May'22	Nov'22	May'23	Nov'23	May'24	Nov'24
1	Ainavilli	Ainavilli	6.47	3.59	5.31	1.46	5.88	3.25	5.64	4.44	5.89	3.77
2	Alamuru	Alamuru	8.33	2.56	7.98	3.89	7.50	4.72	8.54	5.80	7.90	5.54
3	Alamuru	Choppella	8.67	3.52	8.65	4.15	8.06	4.85	8.05	6.65	8.85	5.29
4	Allavaram	Allavaram	3.70	2.60	3.55	1.54	3.02	2.19	2.74	2.72	3.08	2.28
5	Ambajipeta	Ambajipeta	3.95	1.88	4.79	0.75	4.81	2.33	4.11	3.29	4.51	1.91
6	Athreyapuram	Athreyapuram	8.29	6.19	9.24	5.28	8.57	2.27	9.12	7.30	9.45	6.36
7	Athreyapuram	Ryali	8.54	5.97	9.42	5.23	9.12	3.85	9.32	7.34	9.30	5.90
8	Ipolavaram	Tkothapalli	4.34	1.52	3.03	0.91	1.90	1.45	1.57	1.55	1.85	1.63
9	K.Gangavaram	Kotipalli	2.14	0.28	0.52	0.17	0.72	0.77	0.10	0.55	0.58	0.57
10	Kapileswarapuram	Teki	3.89	2.71	3.17	2.96	4.58	3.61	5.11	3.55	5.20	3.13
11	Katrenikona	Katrenikona	1.00	0.62	1.50	0.72	1.03	0.95	1.19	1.14	1.41	0.60
12	Katrenikona	Pallamkurru	2.66	1.09	1.29	0.80	1.22	0.82	1.44	1.32	1.66	1.04
13	Malkipuram	Lakkavaram	2.20	0.89	1.79	0.10	1.30	0.87	0.97	0.57	1.48	0.65
14	Malkipuram	Malkipuram	1.19	0.27	1.07	0.08	0.75	0.25	1.02	0.50	1.30	0.50
15	Mandapet	Mandapet	1.99	2.86	3.91	1.58	3.64	2.75	3.54	3.29	3.79	2.73
16	Mummidivaram	Mummidivaram	3.01	1.57	2.80	1.02	2.28	1.53	2.08	1.88	2.18	1.48
17	Pgnavaram	Lankala Gnavarm	6.89	4.61	6.82	5.52	6.46	6.07	6.75	6.55	6.85	6.25
18	Ramachandrapuram	Ramachandrapuram	2.94	1.45	3.12	0.50	2.85	1.55	1.66	1.25	2.20	1.47
19	Ramachandrapuram	Vekatayapalem	2.89	1.56	2.55	0.71	1.99	1.44	1.43	1.80	2.03	1.38
20	Ravulapalem	Gopalpuram 1	2.82	0.95	1.87	0.79	1.46	1.79	1.15	1.15	1.15	0.95
21	Ravulapalem	Gopalpuram 2	12.05	8.35	10.92	8.53	11.28	9.03	11.33	10.88	11.63	10.18
22	Ravulapalem	Ravulapalem	7.26	3.55	7.52	3.90	7.40	2.83	7.30	6.04	7.22	4.05
23	Razole	Katrenipadu	1.97	0.94	1.87	0.58	1.49	1.14	1.49	1.18	1.66	0.61
24	Razole	Razole	2.53	1.35	2.47	0.10	2.24	1.20	2.05	1.22	2.26	1.20
25	Uppalaguptam	Uppalaguptam	2.41	1.06	1.71	0.86	1.39	1.03	1.66	1.42	1.43	0.88