

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

UNSTARRED QUESTION NO. 3207

ANSWERED ON 07.08.2025

RESERVOIR STORAGE MONITORING SYSTEM

†3207. SHRI BHARAT SINGH KUSHWA SHRI DARSHAN SINGH CHOUDHARY

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

- (a) whether the Reservoir Storage Monitoring System (RSMS) is effective even in waterscarce areas and if so, the details thereof;
- (b) the total number and list of reservoirs included under RSMS in the country including Gwalior Lok Sabha Constituency of Madhya Pradesh along with their water storage capacity;
- (c) whether there is any proposal lying pending for implementation of innovation-based pilot projects through TDAI for groundwater conservation and augmentation in drought-affected Gwalior and Chambal divisions of Madhya Pradesh and if so, the details thereof and the action to be taken thereon; and
- (d) the initiatives taken/to be taken by the Government for water management in Hoshangabad and Narsinghpur districts under Hoshangabad Lok Sabha Constituency to meet the present and future needs along with the details of the future action plan in this regard?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) Yes. The Reservoir Storage Monitoring System (RSMS) is a dedicated online portal designed to monitor the effective live storage capacity of key reservoirs across the country. Through this platform, a weekly bulletin detailing the status of monitored reservoirs is made publicly available, ensuring broad accessibility and transparency. This open access to real-time data empowers stakeholders to make informed decisions and supports strategic planning in critical areas such as irrigation, drinking water supply, flood management, while also aiding drought preparedness.

(b) The storage status of 161 key reservoirs across the country is being monitored by the Central Water Commission presently through RSMS . Of these, 11 reservoirs are situated within the state of Madhya Pradesh. However, none of these 11 reservoirs fall within the jurisdiction of the Gwalior Lok Sabha Constituency. A detailed list of the monitored reservoirs, along with their respective water storage capacities, is at **Annexure-I**.

(c) At present, no proposal is pending with the Central Government for the implementation of innovation-driven pilot projects under the TDAI, specifically targeting groundwater conservation and augmentation in the drought-affected Gwalior and Chambal divisions of Madhya Pradesh.

(d) The Central Government has undertaken several initiatives to support water management in the Hoshangabad and Narsinghpur districts, which fall under the Hoshangabad Lok Sabha Constituency. As part of these efforts, the Central Ground Water Board (CGWB) has prepared National Aquifer Mapping (NAQUIM) reports for the districts of Narsinghpur, Raisen, and Hoshangabad. These reports include block-wise recommendations for water conservation, all of which have been shared with the respective district administrations.

In Hoshangabad and Narsinghpur districts, CGWB conducts groundwater level monitoring four times a year during January, May, August, and November through a network of 32 monitoring stations. The data generated from these stations is regularly disseminated to relevant State Government departments and associated organizations to facilitate informed planning and effective management of groundwater resources.

In addition, the Government of Madhya Pradesh has implemented a range of initiatives to strengthen water management in the Hoshangabad and Narsinghpur districts. Comprehensive details of the completed, ongoing, and proposed water management schemes formulated based on water availability and technical feasibility, as provided by the Government of Madhya Pradesh, are given at **Annexure-II**.

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 3207 TO BE ANSWERED IN LOK SABHA ON 07.08.2025 REGARDING “RESERVOIR STORAGE MONITORING SYSTEM”.

List of reservoirs being monitored along with their water storage capacity

Sr. No.	Reservoirs Name	State	Live Capacity at FRL (BCM)
1	Yeleru	Andhra Pradesh	0.508
2	Donkarayi	Andhra Pradesh	0.376
3	Kandaleru	Andhra Pradesh	1.792
4	Nagarjuna Sagar	Andhra Pradesh	5.108
5	Pulichintala	Andhra Pradesh	1.300
6	Somasila	Andhra Pradesh	1.994
7	Srisailem	Andhra Pradesh	6.013
8	Khandong	Assam	0.180
9	Umrang	Assam	0.159
10	Badua Dam	Bihar	0.110
11	Chandan Dam	Bihar	0.136
12	Durgavati	Bihar	0.258
13	Dudhawa	Chattisgarh	0.284
14	Mahanadi	Chattisgarh	0.767
15	Minimata Bango	Chattisgarh	3.046
16	Sikasar	Chattisgarh	0.181
17	Sondur	Chattisgarh	0.180
18	Tandula	Chattisgarh	0.312
19	Salaulim Dam	Goa	0.227
20	Ukai	Gujrat	6.615
21	Bhadar	Gujrat	0.188
22	Brahmani	Gujrat	0.071
23	Damanganga	Gujrat	0.502
24	Dantiwada	Gujrat	0.399
25	Hathmati	Gujrat	0.153
26	Kadana	Gujrat	1.472
27	Watrak	Gujrat	0.154
28	Karjan	Gujrat	0.523
29	Machchhuli	Gujrat	0.091
30	Panam	Gujrat	0.697
31	Sabarmati	Gujrat	0.735
32	Sardar Sarovar	Gujrat	5.760
33	Sukhi	Gujrat	0.167
34	Shetrunji	Gujrat	0.300
35	Und I	Gujrat	0.066
36	Machchhu	Gujrat	0.071
37	Gobind Sagar	Himachal Pradesh	6.229
38	Kol Dam	Himachal Pradesh	0.089
39	Pong Dam	Himachal Pradesh	6.157
40	Getalsud	Jharkhand	0.218
41	Konar	Jharkhand	0.176
42	Maithon	Jharkhand	0.471

43	Panchet Hill	Jharkhand	0.184
44	Tenughat	Jharkhand	0.821
45	Tilaiya	Jharkhand	0.142
46	Almatti	Karnataka	3.105
47	Tungabhadra	Karnataka	3.276
48	Linganamakki	Karnataka	4.294
49	Gerusoppa	Karnataka	0.130
50	Harangi	Karnataka	0.220
51	Ghataprabha	Karnataka	1.391
52	Kabini	Karnataka	0.444
53	Krishnaraja Sagara	Karnataka	1.163
54	Bhadra	Karnataka	1.785
55	Malaprabha	Karnataka	0.972
56	Narayanpur	Karnataka	0.863
57	Hemavathy	Karnataka	0.927
58	Tattihalla	Karnataka	0.249
59	Supa	Karnataka	4.120
60	Mani Dam	Karnataka	0.884
61	Vani Vilas Sagar	Karnataka	0.802
62	Idukki	Kerala	1.460
63	Kallada	Kerala	0.507
64	Malampuzha	Kerala	0.224
65	Idamalayar	Kerala	1.018
66	Periyar	Kerala	0.173
67	Kakki	Kerala	0.447
68	Bargi	Madhya Pradesh	3.180
69	Sanjay Sarovar	Madhya Pradesh	0.508
70	Gandhi Sagar	Madhya Pradesh	6.827
71	Indira Sagar	Madhya Pradesh	9.745
72	Atal Sagar	Madhya Pradesh	0.835
73	Rajghat Dam	Madhya Pradesh	1.945
74	Tawa	Madhya Pradesh	1.944
75	Omkareshwar	Madhya Pradesh	0.299
76	Bansagar	Madhya Pradesh	5.166
77	Kolar Dam	Madhya Pradesh	0.270
78	Barna Dam	Madhya Pradesh	0.456
79	Dhom	Maharashtra	0.331
80	Bhama Askhed	Maharashtra	0.217
81	Bhandardara	Maharashtra	0.304
82	Bhatghar	Maharashtra	0.673
83	Bhatsa	Maharashtra	0.942
84	Bhima Ujjaini	Maharashtra	1.517
85	Mula	Maharashtra	0.609
86	Darna Dam	Maharashtra	0.202
87	Yeldari	Maharashtra	0.809
88	Chaskaman	Maharashtra	0.215
89	Barvi Dam	Maharashtra	0.339
90	Jayakwadi	Maharashtra	2.171
91	Isapur	Maharashtra	0.965
92	Khadakvasla	Maharashtra	0.056
93	Upper Vaitarna	Maharashtra	0.331

94	Mulshi	Maharashtra	0.572
95	Manikdoh	Maharashtra	0.288
96	Dimbhe Dam	Maharashtra	0.354
97	Kanher	Maharashtra	0.272
98	Nira Deoghar	Maharashtra	0.332
99	Thokarwadi	Maharashtra	0.353
100	Pench	Maharashtra	1.091
101	Koyana	Maharashtra	2.652
102	Girna	Maharashtra	0.524
103	Surya	Maharashtra	0.276
104	Dudhganga	Maharashtra	0.664
105	Tillari	Maharashtra	0.447
106	Upper Tapi	Maharashtra	0.255
107	PanshetTanajisagar	Maharashtra	0.302
108	Upper Wardha	Maharashtra	0.564
109	Urmodi	Maharashtra	0.273
110	Veer Dam	Maharashtra	0.266
111	Umiam	Meghalaya	0.142
112	Tuirial	Mizoram	0.750
113	Doyang Hep	Nagaland	0.535
114	Balimela	Odisha	2.676
115	Upper Indravati	Odisha	1.456
116	Machkund	Odisha	0.893
117	Mandira Dam	Odisha	0.309
118	Hariharjhor	Odisha	0.059
119	Rengali	Odisha	3.432
120	Salanadi	Odisha	0.558
121	Sapua	Odisha	0.006
122	Hirakud	Odisha	5.378
123	Upper Kolab	Odisha	0.935
124	Thein Dam	Punjab	2.344
125	Rana Pratap Sagar	Rajasthan	1.436
126	Jaisamand	Rajasthan	0.313
127	Jawai Dam	Rajasthan	0.193
128	Jhakam	Rajasthan	0.132
129	Mahi Bajaj Sagar	Rajasthan	1.711
130	Bisalpur	Rajasthan	1.076
131	Som Kamla Amba	Rajasthan	0.173
132	Aliyar	Tamil Nadu	0.095
133	Manimuthar	Tamil Nadu	0.156
134	Vaigai	Tamil Nadu	0.172
135	Parambikulam	Tamil Nadu	0.380
136	Sholayar	Tamil Nadu	0.143
137	Sathanur	Tamil Nadu	0.207
138	Mettur	Tamil Nadu	2.647
139	Lower Bhawani	Tamil Nadu	0.792
140	Karayar	Tamil Nadu	0.149
141	Kaddam	Telangana	0.137
142	Lower Manair	Telangana	0.621
143	Nizam Sagar	Telangana	0.482
144	Singur	Telangana	0.822

145	Musi Project	Telangana	0.123
146	Priyadarshini Jurala	Telangana	0.168
147	Sriramsagar	Telangana	2.300
148	Gumti	Tripura	0.312
149	Rihand	Uttar Pradesh	5.649
150	Jirgo	Uttar Pradesh	0.147
151	Matatila	Uttar Pradesh	0.707
152	Sirsi	Uttar Pradesh	0.190
153	Maudaha	Uttar Pradesh	0.179
154	Meja	Uttar Pradesh	0.299
155	Rangawan	Uttar Pradesh	0.155
156	Sharda Sagar	Uttar Pradesh	0.330
157	Nanak Sagar	Uttarakhand	0.176
158	Ramganga	Uttarakhand	2.196
159	Tehri	Uttarakhand	2.615
160	Kangsabati	West Bengal	0.914
161	Mayurakshi	West Bengal	0.549
136	Sholayar	Tamil Nadu	0.143
137	Sathanur	Tamil Nadu	0.207
138	Mettur	Tamil Nadu	2.647
139	Lower Bhawani	Tamil Nadu	0.792
140	Karayar	Tamil Nadu	0.149
141	Kaddam	Telangana	0.137
142	Lower Manair	Telangana	0.621
143	Nizam Sagar	Telangana	0.482
144	Singur	Telangana	0.822
145	Musi Project	Telangana	0.123
146	Priyadarshini Jurala	Telangana	0.168
147	Sriramsagar	Telangana	2.300
148	Gumti	Tripura	0.312
149	Rihand	Uttar Pradesh	5.649
150	Jirgo	Uttar Pradesh	0.147
151	Matatila	Uttar Pradesh	0.707
152	Sirsi	Uttar Pradesh	0.190
153	Maudaha	Uttar Pradesh	0.179
154	Meja	Uttar Pradesh	0.299
155	Rangawan	Uttar Pradesh	0.155
156	Sharda Sagar	Uttar Pradesh	0.330
157	Nanak Sagar	Uttarakhand	0.176
158	Ramganga	Uttarakhand	2.196
159	Tehri	Uttarakhand	2.615
160	Kangsabati	West Bengal	0.914
161	Mayurakshi	West Bengal	0.549
Total capacity in BCM			182.496

#source Central Water Commission

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 3207 TO BE ANSWERED IN LOK SABHA ON 07.08.2025 REGARDING “RESERVOIR STORAGE MONITORING SYSTEM”.

Details of the completed, ongoing, and proposed water management schemes in Hoshangabad and Narsinghpur districts of Madhya Pradesh

Name of Project	Gross Capacity (MCM)	CCA (in Ha.)
Major completed schemes		
Tawa Project	2311	158279
Rani Awanti Bai Lodhi	-	95,000
Medium completed schemes		
Dokrikheda Project	13.37	2672
Minor completed schemes		
Saradeh	1.53	307
Khoripura	2.45	441
Dandiwada	0.77	121
Basniya	0.46	80
Jamundol	0.66	133
Kasda	0.67	87
Kubrakhedi	0.67	90
Pathrota	0.38	120
Bhamkapura	0.51	65
Chichwani	2.407	405
Guddikheda	1.57	260
Amadehi	1.63	231
Hanotiya	0.363	57
Chirchita Tank	2.72	485
Gourtala Tank	0.541	50
Bandha Tank	2.15	476
Nadiya Tank	2.37	477
Nagwara Tank	1.37	182
Paramhansi Tank	0.728	100
Gurra Tank	1.226	182
Swamisagar Tank	0.931	212
Kunda Tank	1.428	160
Dhobha Tank	0.587	162
Dungariya Tank	1.13	110
Bamhani Tank	0.818	115
Gadarwarakheda Tank	1.037	207
Gorakhpur Tank	0.616	147
Mungwani Tank	0.341	44
Babariya Tank	1.14	247
Kanharpani Tank	0.426	81
DungariyaPratha Tank	1.031	136
DungariyaUsari Tank	0.625	132

Gadariya Tank	0.505	138
Mehgaon Tank	0.951	175
Aloud Tank	3.205	500
Richhai Tank	3.017	505
Datadongri Tank	1.21	175
Kishanpur Tank	1.487	199
Bandhi Tank	0.26	42
Kerpani Tank	0.336	44
Jagannathpur Tank	0.297	20
Major ongoing schemes		
Chinki Boras combined multipurpose project	-	61,190
Shakkar Pench project	-	64,000
Medium ongoing schemes		
Dokrikheda LIS	-	2940
Jharbida LIS	-	15610
Minor ongoing scheme		
Chandakiya	2.2	406
Proposed schemes		
Devri Lift Irrigation Project	-	7500
Bakori Dev Nagar Weir	0.5	180
Wanganga Tank	3.444	620
Khairimata (Budeina) Micro Irrigation Scheme	69.86	6700
Laveri Tank	1.02	180
