

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 1202
ANSWERED ON 09.02.2017

WATER LEVEL IN MAJOR RESERVOIRS

1202. SHRIMATI K. MARAGATHAM
SHRIMATI POONAMBEN MAADAM

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) the estimated water storage capacity of each major reservoir in the country;
- (b) the details of water availability against their storage capacity during each of the last three years vis-a-vis average storage capacity especially in the drought affected States including Gujarat, State-wise;
- (c) the steps taken by the Government to ensure adequate supply of water to the concerned States;
- (d) the funds allocated/released by the Government for upkeep of reservoirs during the current plan period, State-wise; and
- (e) the steps taken/to be taken to maintain the requisite water level in all the major reservoirs of the country?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
(DR. SANJEEV KUMAR BALYAN)

(a) to (b) Central Water Commission (CWC) monitors live storage status of 91 reservoirs of the country on weekly basis and issues weekly bulletin on every Thursday. Out of these reservoirs, 10 reservoirs are in Gujarat. Water availability of the 91 reservoirs monitored by CWC against their storage capacity at end of the monsoon season i.e. 30th September during last three years is given in **Annexure-I**.

(c) to (d) The supply of water to the states depends on its water resources and the rainfall received. Works related to water resources development & management are planned, funded, executed and maintained by the State Governments themselves as per their own resources and priorities. In order to supplement the efforts of the State Governments, Government of India provides technical and financial assistance to the State Governments to encourage sustainable development and efficient management of water resources through various schemes and programmes.

Under the scheme for Repair, Renovation and Restoration (RRR) of water bodies, MoWR, RD & GR gives Central Assistance (CA) to States/UTs. The scheme has multiple objectives like comprehensive improvement and restoration of water bodies thereby increasing tank storage capacity, ground water recharge, increased availability of drinking water, improvement in agriculture/horticulture productivity etc.

Under the RRR scheme of domestic support, a total of 3341 water bodies were taken up for restoration in 12 states under XI Plan. Total central grant amounting to Rs. 917.26 crore was released to the states for completion of works of water bodies taken up during XI Plan and the works on 2801 water bodies have been completed and an irrigation potential of 1.984 lakh ha has been restored up to 31.03.2016.

Further during XII Plan, 1354 additional water bodies have been included under this scheme. So far, an amount of Rs. 264.669 crore has been released towards these schemes and an irrigation potential of 0.285 lakh ha has been restored up to 31.03.2016. Works in 464 of water bodies have been completed. State-wise details of the releases in current Plan period is given in **Annexure-II**.

(e) The requisite water levels in the reservoirs are maintained by the dam authorities through a determination of rainfall, flood levels and water demands.

Annexure referred to Lok Sabha Unstarred Question No.1202 on Water level in major reservoirs for answer on 09.02.2017.

WATER LEVEL OF 91 RESERVOIRS OF INDIA
(End of Monsoon Season during last three years)

S.NO	NAME OF RESERVOIR	STATE	Live Storage Capacity at FRL (BCM)	Live Storage Available as on 30th September (BCM)		
				2014	2015	2016
1	SRISAILAM	AP/TG	8.288	2.82	1.724	5.690
2	NAGARJUNA SAGAR	AP/TG	6.841	5.049	0.043	0.984
3	SOMASILA	A.P	1.994	1.078	0.297	0.833
4	SRIRAMSAGAR	TG	2.3	0.872	0.228	2.300
5	LOWER MANAIR	TG	0.621	0.257	0.114	0.621
6	TENUGHAT	JHAR	0.821	0.405	0.427	0.422
7	MAITHON	JHAR	0.471	0.465	0.274	0.471
8	PANCHET HILL	JHAR	0.184	0.247	0.108	0.184
9	KONAR	JHAR	0.176	0.177	0.149	0.176
10	TILAIYA	JHAR	0.142	0.21	0.149	0.142
11	UKAI	GUJ	6.615	5.84	5.142	5.671
12	SABARMATI(DHAROI)	GUJ	0.735	0.51	0.666	0.714
13	KADANA	GUJ	1.472	1.181	0.921	1.119
14	SHETRANJI	GUJ	0.300	0.14	0.3	0.160
15	BHADAR	GUJ	0.188	0.09	0.163	0.012
16	DAMANAGANGA	GUJ	0.502	0.487	0.483	0.475
17	DANTIWADA	GUJ	0.399	0.087	0.343	0.127
18	PANAM	GUJ	0.697	0.535	0.364	0.424
19	SARDAR SAROVAR	GUJ	1.566	1.441	1.412	1.502
20	KARJAN	GUJ	0.523	0.514	0.356	0.275
21	GOBIND SAGAR(BHAKRA)	H.P	6.229	5.728	5.906	4.554
22	PONG DAM	H.P	6.157	4.274	5.319	4.296
23	KRISHNARAJA SAGRA	KAR	1.163	2.854	1.996	0.316
24	TUNGABHADRA	KAR	3.276	1.387	0.53	1.263
25	GHATAPRABHA	KAR	1.391	1.785	1.181	1.143
26	BHADRA	KAR	1.785	4.207	2.195	0.929
27	LINGANAMAKKI	KAR	4.294	0.656	0.52	2.493
28	NARAYANPUR	KAR	0.863	0.728	0.261	0.738
29	MALAPRABHA(RENUKA)	KAR	0.972	0.441	0.243	0.353
30	KABINI(Sancherla Tank)	KAR	0.444	3.319	1.782	0.240
31	HEMAVATHY	KAR	0.927	0.039	0.053	0.196
32	HARANGI	KAR	0.220	3.137	1.657	0.177
33	SUPA	KAR	4.120	0.079	0.086	2.352
34	VANIVILAS SAGAR	KAR	0.802	0.335	0.216	0.040
35	ALMATTI	KAR	3.105	0.131	0.052	3.105
36	GERUSOPPA	KAR	0.130	0.222	0.136	0.102
37	KALLADA(PARAPPAR)	KRL	0.507	2.049	2.055	0.162
38	IDAMALAYAR	KRL	1.018	3.125	2.968	0.586
39	IDUKKI	KRL	1.460	4.511	3.43	0.682
40	KAKKI	KRL	0.447	9.338	8.603	0.277
41	PERIYAR	KRL	0.173	2.762	1.871	0.021
42	MALAMPUZHA	KRL	0.224	0.705	0.487	0.092
43	GANDHI SAGAR	M.P.	6.827	0.973	0.147	6.438

S.NO	NAME OF RESERVOIR	STATE	Live Storage Capacity at FRL (BCM)	Live Storage Available as on 30th September (BCM)		
				2014	2015	2016
44	TAWA	M.P.	1.944	2.537	1.971	1.944
45	BARGI	M.P.	3.180	1.682	0.062	3.180
46	BANSAGAR	M.P.	5.166	0.78	0.161	5.166
47	INDIRA SAGAR	M.P.	9.745	0.581	0.314	9.697
48	BARNA	M.P.	0.456	0.522	0.116	0.433
49	MINIMATA BANGOI	CHH.	3.046	0.247	0.06	2.232
50	MAHANADI	CHH.	0.767	0.049	0.018	0.757
51	JAYAKWADI(PAITHON)	MAH	2.171	0.331	0.236	1.559
52	KOYANA	MAH	2.652	0.241	0.246	2.652
53	BHIMA(UJJANI)	MAH	1.517	0.853	0.892	1.494
54	ISAPUR	MAH	0.965	0.564	0.564	0.388
55	MULA	MAH	0.609	0.929	0.761	0.608
56	YELDARI	MAH	0.809	0.328	0.177	0.135
57	GIRNA	MAH	0.524	0.681	0.504	0.408
58	KHADAKVASLA	MAH	0.056	0.195	0.078	0.055
59	UPPER VAITARNA	MAH	0.331	0.304	0.229	0.331
60	UPPER TAPI	MAH	0.255	0.389	0.24	0.223
61	PENCH (TOTALADOH)	MAH	1.091	1.425	0.861	0.657
62	UPPER WARDHA	MAH	0.564	1.461	1.36	0.564
63	BHATSA	MAH	0.942	1.808	1.701	0.941
64	DHOM	MAH	0.331	0.125	0.122	0.329
65	DUDHGANGA	MAH	0.664	1.401	1.109	0.664
66	MANIKDOH (KUKADI)	MAH	0.288	0.316	0.271	0.206
67	BHANDARDARA	MAH	0.304	0.031	0.043	0.304
68	HIRAKUD	ODI	5.378	0.379	0.272	4.519
69	BALIMELA	ODI	2.676	0.095	0.082	2.065
70	SALANADI	ODI	0.558	0.145	0.097	0.310
71	RENGALI	ODI	3.432	0.641	0.531	3.140
72	MACHKUND(JALPUT)	ODI	0.893	2.686	2.073	0.786
73	UPPER KOLAB	ODI	0.935	1.856	1.628	0.758
74	UPPER INDRAVATI	ODI	1.456	2.369	2.315	1.147
75	THEIN	PUN	2.344	0.255	0.255	1.599
76	MAHI BAJAJ SAGAR	RAJ	1.711	0.48	0.266	1.711
77	JHAKAM	RAJ	0.132	0.132	0.132	0.132
78	RANA PRATAP SAGAR	RAJ	1.436	1.436	1.436	1.403
79	LOWER BHAWANI	TN	0.792	0.051	0.402	0.147
80	METTUR(STANLEY)	TN	2.647	1.041	1.879	1.174
81	VAIGAI	TN	0.172	0.014	0.091	0.007
82	PARAMBIKULAM	TN	0.380	0.176	0.377	0.139
83	ALIYAR	TN	0.095	0.031	0.095	0.007
84	SHOLAYAR	TN	0.143	0.144	0.144	0.058
85	GUMTI	TRP	0.312	0.105	0.203	0.258
86	MATATILA	UP	0.707	0.706	0.641	0.641
87	RIHAND	UP	5.649	3.893	2.517	4.544
88	RAMGANGA	UTT	2.196	1.319	1.882	1.179
89	TEHRI	UTT	2.615	2.357	2.394	2.386
90	MAYURAKSHI	WB	0.480	0.192	0.252	0.407
91	KANGSABATI	WB	0.914	0.607	0.843	0.810

Annexure-II

Annexure referred to Lok Sabha Unstarred Question No.1202 on Water level in major reservoirs for answer on 09.02.2017.

State-wise details of the Central Assistance releases in current Plan period
under RRR scheme

Sl No.	State	CA Released (in crore)			
		2012-13	2013-14	2014-15	2015-16
1	Bihar	27.54*	0	0	0
2	Chhattisgarh	0	37.97*	0	0
3	Madhya Pradesh	0	0	37.70	0
4	Manipur	0	0	10.37	0
5	Meghalaya	0	0	2.52	0
6	Odisha	0	0	52.90+27.00*	54.75
7	Rajasthan	0	0	0	35.93
8	Tamil Nadu	0	0	0	9.22
9	Telangana	0	0	0	44.88
10	Uttar Pradesh	10.38*	0	0	16.41
	Total	37.92	37.97	130.49	161.18
*Release is towards the water bodies included in XI Plan					