

Further, a project of river front development at Chandi Ghat on river Ganga is also under execution which shall provide better amenities to the visitors/pilgrims.

Implementation of Polavaram Dam project

1909. SHRI T. G. VENKATESH: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

(a) whether the attention of Government has been drawn towards the implementation of the work in the Polavaram project;

(b) whether it is a fact that the Centre is not satisfied with the pace of construction work of Polavaram project by the State Government and has directed the State Government to stop the construction work;

(c) if so, the details thereof and the reasons therefor; and

(d) whether it is a fact that Government is taking up the construction work of the project directly for completion within stipulated time, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI ARJUN RAM MEGHWAL): (a) to (d) Polavaram project is being executed by the Government of Andhra Pradesh on behalf of Government of India. The Government of Andhra Pradesh has intimated that the progress of spillway works is not satisfactory. The progress has been reviewed and suggestions have been made to the State Government for expediting the works. State Government has intimated that Polavaram project is targeted to be completed by 2019.

Decline in ground water levels in metros/cities

1910. DR. R. LAKSHMANAN: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

(a) whether Government is aware of the fact that all the metro cities in the country and also the other major cities, including many cities in Tamil Nadu has become water stressed due to exorbitant decline in ground water;

(b) if so, the details of those metros/ cities across the country where ground water level has declined to an exorbitant level;

(c) whether Government has formulated any specific plan for these metros/cities for ground water development;

(d) if so, the details thereof; and

(e) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI ARJUN RAM MEGHWAL): (a) to (d) Central Ground Water Board (CGWB) carries out ground water monitoring, four times a year, on regional scale through a network of observation wells in the country. Comparison and analysis of Pre-monsoon (2017) water level data collected by CGWB with the decadal average (2007-2016) indicates decline in ground water level in about 61% of the wells in most of the urban areas of the country. Details of rise and fall in ground water level in certain cities including Tamil Nadu are given in the Statement (*See below*).

Ministry of Urban Development has circulated its Model Building Bye-Laws (2016) to all State Governments which, *inter alia*, incorporates provisions for Rain Water Harvesting. Atal Mission for Rejuvenation and Urban Transformation (AMRUT) mandates the States to formulate a policy and action plan for rain water harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq.m and above.

Water being a State subject, steps for augmentation, conservation and efficient management of water resources to ensure sustainability and availability are primarily undertaken by the respective State Governments. However, steps taken by the Central Government for conservation of ground water are available at the following URL http://mowr.gov.in/sites/default/files/MeasuresForGW-Depletion_1.pdf

(e) In view of reply to part (d) above, question does not arise.

Statement

*Decadal water level fluctuation with mean [Pre-monsoon (2007 to 2016)]
and pre-monsoon 2017 in Urban Areas*

Sl. No.	Name of the City	No. of Wells Analysed	Rise		Fall	
			No.	%	No.	%
1	2	3	4	5	6	7
1.	Mumbai City	3	2	66.7	1	33.3
2.	Mumbai Suburban	1	1	100.0	0	0.0
3.	Delhi	89	56	62.9	33	37.1
4.	Kolkata	14	2	14.3	12	85.7
5.	Chennai	11	1	9.1	10	90.9

1	2	3	4	5	6	7
6.	Bangalore	25	3	12.0	22	88.0
7.	Hyderabad	20	9	45.0	11	55.0
8.	Ahmedabad	7	4	57.1	3	42.9
9.	Nagpur	7	4	57.1	3	42.9
10.	Nashik	4	2	50.0	2	50.0
11.	Pune	5	2	40.0	3	60.0
12.	Kannur	10	3	30.0	7	70.0
13.	Kochi	23	11	47.8	12	52.2
14.	Kollam	9	5	55.6	4	44.4
15.	Kozhikode	10	3	30.0	7	70.0
16.	Malappuram	10	3	30.0	7	70.0
17.	Thiruvananthapuram	14	1	7.1	13	92.9
18.	Thrissur	16	8	50.0	8	50.0
19.	Patna	6	2	33.3	4	66.7
20.	Ranchi	17	2	11.8	15	88.2
21.	Jamshedpur	15	10	66.7	5	33.3
22.	Dhanbad	15	8	53.3	7	46.7
23.	Bhopal	16	11	68.8	5	31.3
24.	Indore	20	7	35.0	13	65.0
25.	Jabalpur	19	6	31.6	13	68.4
26.	Gwalior	1	0	0.0	1	100.0
27.	Guwahati	31	12	38.7	19	61.3
28.	Ludhiana	9	0	0.0	9	100.0
29.	Amritsar	5	0	0.0	5	100.0
30.	Faridabad	2	0	0.0	2	100.0
31.	Chandigarh-UT	10	1	10.0	8	80.0
32.	Coimbatore	4	0	0.0	4	100.0
33.	Madurai	1	0	0.0	1	100.0
34.	Vijayawada	1	0	0.0	1	100.0
35.	Visakhapatnam	14	2	14.3	13	92.9

1	2	3	4	5	6	7
36.	Dehradun	19	13	68.4	6	31.6
37.	Rajkot	5	3	60.0	2	40.0
38.	Surat	2	2	100.0	0	0.0
39.	Vadodara	5	3	60.0	2	40.0
40.	Jaipur	7	3	42.9	4	57.1
41.	Jodhpur	7	7	100.0	0	0.0
42.	Kota	2	1	50.0	1	50.0
43.	Allahabad	1	0	0.0	1	100.0
44.	Ghaziabad	1	0	0.0	1	100.0
45.	Kanpur	4	0	0.0	4	100.0
46.	Lucknow	4	0	0.0	4	100.0
47.	Meerut	1	0	0.0	1	100.0
48.	Varanasi	2	0	0.0	2	100.0
TOTAL		381	148	38.8	233	61.2

Cleaning of Ganga river

1911. SHRI RAM KUMAR KASHYAP: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

(a) whether any time-bound programme for cleaning of Ganga river has been prepared and is under execution;

(b) if so, the details of the targets and time-frame fixed in this regard;

(c) whether Government propose to engage NRIs or foreign agencies in the projects of cleaning of Ganga; and

(d) if so, the details thereof and the nature of financial and other assistance being taken from these resources and terms and conditions thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (DR. SATYA PAL SINGH):

(a) and (b) Cleaning of river is a continuous process. The Government has launched Namami Gange Programme covering short term, medium term and long term activities. Under Short term activities certain entry level activities which cover development of ghats crematoria and river surface cleaning activities etc. have been taken up.