

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 1902
ANSWERED ON 28.07.2016

UNINTERRUPTED FLOW OF RIVERS

1902. SHRI BHARATHI MOHAN R.K.

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

- (a) whether the Government has any plan to ensure cleanliness and uninterrupted flow of water in rivers across the country and also has any modern technology to channelize the surplus water in rivers during rain fall season and if so, the details thereof; and
- (b) the expenditure incurred on rejuvenation of Ganga and other major rivers including Cauvery in the country till the end of last year along with the success achieved in this regard so far?

ANSWER

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

(a) & (b) Yes, Madam. Ministry of Environment, Forests & Climate Change (MoEF&CC) has been supplementing the efforts of the State Governments in abatement of pollution in identified stretches of various rivers including Cauvery under the National River Conservation Plan (NRCP). NRCP has covered polluted stretches of 31 rivers (excluding Ganga and its tributaries) in 75 towns spread of 14 States at a sanctioned cost of Rs.4517.82 crores, as per details at Annexure-I.

For the works related to Ganga and its tributaries, the Central Government has introduced Namami Gange programme, an Integrated Ganga Conservation Mission/ Programme under National Ganga River Basin Authority (NGRBA) in 2014, to integrate previous and ongoing initiatives by enhancing efficiency, extracting synergies and supplementing them with more comprehensive and better coordinated interventions. Till 30th June 2016, 97 projects have been sanctioned under Namami Gange programme (including the existing projects sanctioned under NGRBA programme) in 53 towns at an estimated project cost of Rs.8588.21 crores towards cleaning of the river Ganga. Out of these 12 projects are sanctioned exclusively under new components of Namami Gange programme at a cost of Rs 351.42 Crores. Out of 97 projects, 32

have been completed. The projects cover Sewerage and Sanitation; River Front Development (RFD); Water quality Monitoring of river Ganga; Ganga Knowledge Centre; Educating Schools and communities for conserving habitat of Ganga river Dolphin; and “forestry Intervention for river Ganga”.

United Nations Development Programme(UNDP) has been engaged for rural sanitation initiatives for Ganga rejuvenation in Jharkhand for a) improved sanitation, b) sanitation linked livelihood activities, c) capacity building in 78 villages along Ganga in Jharkhand.

The expenditure incurred on rejuvenation of river Ganga from 2011-12 to 2015-16 is at Annexure-II. State-wise breakup & status of the 86 NGRBA projects on ‘Sewerage & Sanitation’ and “River Front Development” is enclosed at Annexure-III.

To channelize the surplus water in rivers in rainfall season, measures generally adopted by various State Governments while formulating the project proposals are as under :-

- Surplus water in rainfall season is stored in storage dams and the same is released downstream at a controlled rate for the desired purpose.
- Earthen dykes and afflux bunds along the river course, spurs and gryones projecting from river banks, re-sectioning (widening and deepening of the river channel).

(Annexure referred in reply to part (a) & (b) of Unstarred Question No.1902 to be answered on 28.07.2016 in the Lok Sabha regarding Uninterrupted Flow of Rivers)

Details of rivers/States covered under National River Conservation Plan and Sanctioned Cost

Serial Number of River	Name of River	Name of State	Sanctioned Cost (Rs. in crore)
1,2	Adyar & Cooum	Tamil Nadu	404.25
3,4	Beas & Satluj	Punjab	717.32
5	Bhadra,	Karnataka	3.77
6	Brahmini,	Odisha	4.25
7	Cauvery,	Tamil Nadu & Karnataka	269.10
8	Diphu and Dhansiri	Nagaland	82.80
9	Ghaggar	Punjab	57.11
10	Godavari	Andhra Pradesh, Maharashtra & Telangana	118.98
11	Krishna	Maharashtra	28.74
12	Mahanadi	Odisha	8.04
13	Mandovi	Goa	14.10
14	Mindola	Gujarat	262.13
15	Musi	Telangana	335.66
16	Mula Mutha	Maharashtra	990.26
17	Narmada	Madhya Pradesh	14.33
18	Pamba	Kerala	18.45
19	Panchganga	Maharashtra	74.29
20	Pennar	Karnataka	46.27
21	Rani Chu	Sikkim	181.09
22	Sabarmati	Gujarat	546.40
23	Subarnarekha	Jharkhand	3.14
24	Tamrabarani	Tamil Nadu	54.93
25	Tapi	Maharashtra	2.44
26	Tapti	Madhya Pradesh	4.81
27	Tunga	Karnataka	3.70
28	Tungabhadra	Karnataka	7.16
29	Vaigai	Tamil Nadu	120.09
30	Vennar	Tamil Nadu	62.75
31	Wainganga	Madhya Pradesh	1.01
Sub total			4437.37
Coastal Area (Puri)		Odisha	80.45
Grant Total :			4517.82

Annexure-II

(Annexure referred in reply to part (a) & (b) of Unstarred Question No.1902 to be answered on 28.07.2016 in the Lok Sabha regarding Uninterrupted Flow of Rivers)

Expenditure incurred on rejuvenation of Ganga till 2015-16

Rs. In Crore

FY	BE	RE	Actual Expenditure by Govt. of India
2011-12	500.00	216.61	192.58
2012-13	512.50	193.50	191.52
2013-14	355.00	309.00	303.95
2014-15	2,137.00	2,053.00	326.00
2015-16	2,750.00	1,650.00	1,632.00
Total	6,254.50	4,422.11	2,646.05

Annexure-III

(Annexure referred in reply to part (a) & (b) of Unstarred Question No.1902 to be answered on 28.07.2016 in the Lok Sabha regarding Uninterrupted Flow of Rivers)

Progress Status of NGRBA Projects in the Basin States (As on 31st May, 2016)												
Sl. No.	State / Organisation	Total sanctioned costs	STP capacity to be created (in mld)	Creation of capacity through rehabilitation of old STP (in mld)	STP capacity created (in mld)	Sewer network to be laid (in Km)	Sewer network laid (Km)	Expenditure till March, 2016 Rs. in crore	Release of fund	Total Expenditure Rs. in crore	Total No. of projects	No. of Projects physically completed
									Total			
1	Uttarakhand (23 projects in 12 towns)	455.13	78.80		21.50	146.43	70.07	90.20	90.31	90.31	23	4
2	Uttar Pradesh (15 projects in 8 towns)	2256.01	335.90		105.00	1255.68	446.91	823.59	888.03	861.31	15	3
3	Bihar (14 projects in 5 towns)	2155.62	218.00	64.00		1243.43	140.00	148.43	182.23	156.12	14	
4	Jharkhand (1 project in 1 town)	99.36	12.00			55.00	0.00	0.78	67.18	12.57	1	
5	West Bengal (30 projects in 24 towns)	1352.51	93.53			842.72	150.64	547.02	576.28	576.31	30	24
	Sub Total (Ganga)	6318.63	738.23	64.00	126.50	3543.26	807.62	1610.02	1804.03	1696.62	83	31
6	Haryana (2 Projects in 2 towns)	217.87	70.00	75.00		40.96	25.62	159.89	88.66	159.89	2	
7	Delhi (1 project in 1 town)	1655.91		950.00		42.92		13.19	12.08	13.19	1	
	Sub Total (Yamuna)	1873.78	70.00	1025.00		83.88	25.62	173.08	100.74	173.08	3	
	Total - Infrastructure)	8192.41	808.23	1089.00	126.50	3627.14	833.24	1783.10	1904.77	1869.70	86.00	28.00

