

GOVERNMENT OF INDIA
MINISTRY OF SHIPPING

RAJYA SABHA

UNSTARRED QUESTION NO.1572

TO BE ANSWERED ON 1st JANUARY, 2018

DEVELOPMENT OF WATERWAYS ON RIVERS

1572. SHRI RAM KUMAR KASHYAP:

Will the Minister of SHIPPING be pleased to state:

- (a) whether Government proposes to develop waterways on rivers in the country;
- (b) if so, the details of the programme prepared and timeline fixed for its completion; and
- (c) the steps being taken for timely completion of these projects?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI MANSUKH L. MANDAVIYA)

(a)to(c): Yes, Sir. The Government has declared 111 waterways (including 5 National Waterways (NWs) declared earlier) as NWs under the National Waterways Act, 2016 for comprehensive and sustainable development of National Waterways (NWs) in the country. A list of the 111 NWs is at **Annex-1**.

NWs-1, 2 and 3 are operational and cargo and passenger vessels are moving on them. On NW-4, the development works under Phase-I have commenced in 2017. Further, preparation of DPR including Front End Engineering Design (FEED) for the construction of weirs/ barrages with navigational locks and check dams between Pankapal and Paradip/ Dhamra (Phase-I) has been sanctioned for development of NW-5.

A project titled as 'Jal Marg Vikas' has been commissioned with technical and financial assistance of the World Bank for the capacity augmentation of NW-1 from Haldia to Varanasi. The project aims at developing the fairway to enable safe navigation of 1,500 – 2,000 ton vessels. The project is scheduled to be completed by 2022-23 at an estimated cost of Rs. 5,369 crore.

The development process for eight new NWs has been initiated as per details at **Annex-II**.

LIST OF 111 NATIONAL WATERWAYS

National Waterway Number	Name of National Waterway	Length (km)	State(s)
1.	Ganga – Bhagirathi - Hooghly	1620	UP, Bihar, Jharkhand, West Bengal
2.	Brahmaputra	891	Assam
3.	West Coast Canal alongwith Champakara & Udyogmandal Canal	365	Kerala
4.	Kakinada Puducherry Canal alongwith Godavari & Krishna rivers	2890	Tamil Nadu, Andhra Pradesh, Telanagana
5.	East Coast Canal alongwith Brahmani & Mahanadi Delta	588	Odisha, West Bengal
6.	Aai	71	Assam
7.	Ajoy (Ajay)	96	West Bengal
8.	Alappuzha- Changanassery Canal	28	Kerala
9.	Alappuzha- Kottayam- Athirampuzha Canal	38	Kerala
10.	Amba River	45	Maharashtra
11.	Arunawati/ Aran River	98	Maharashtra
12.	Asi	5.5	UP
13.	AVM Canal (Kanyakumari to Kollam)	11	Tamil Nadu
14.	Baitarni River	49	Odisha
15.	Bakreswar/ Mayurakshi River	137	West Bengal
16.	Barak	121	Assam
17.	Beas	191	HP & Punjab
18.	Beki	73	Assam
19.	Betwa	68	UP
20.	Bhavani River	94	Tamil Nadu
21.	Bheema	139	Telangana Karnataka
22.	Birupa/ BadiGenguti/ Brahmani River System	156	Odisha
23.	BudhaBalanga	56	Odisha
24.	Chambal	60	UP
25.	Chapora	33	Goa
26.	Chenab	53	J&K & Punjab
27.	Cumberjua	17	Goa
28.	Dabhol Creek/ Vasishti river	45	Maharashtra
29.	Damodar	135	West Bengal
30.	Dehing	114	Assam
31.	Dhansiri/ Chathe	110	Assam
32.	Dikhu	63	Assam
33.	Doyans	61	Assam
34.	DVC Canal	130	West Bengal

35	Dwarekeswar	113	West Bengal
36	Dwarka	121	West Bengal
37	Gandak	300	Bihar & UP
38	Gangadhar	62	Assam & West Bengal
39	Ganol River	49	Meghalaya
40	Ghaghra River	340	Bihar & UP
41	Ghataprabha	112	Karnataka
42	Gomti	518	UP
43	Gurupur	10	Karnataka
44	Ichamati	64	West Bengal
45	Indira Gandhi Canal	650	Haryana, Punjab & Rajasthan
46	Indus	35	J&K
47	Jalangi	131	West Bengal
48	Jawai-Luni river & Rann of Kutch	590	Rajasthan & Gujarat
49	Jhelum	110	J&K
50	Jinjiram River	43	Meghalaya & Assam
51	Kabini	23	Karnataka
52	Kali	54	Karnataka
53	Kalyan – Thane – Mumbai Waterway, Vasai creek &Ulhas river	145	Maharashtra
54	Karamnasa	86	UP & Bihar
55	Kaveri/ Kollidam river	364	Tamil Nadu
56	Kherkai	23	Jharkhand
57	Kopili River	46	Assam
58	Koshi	236	Bihar
59	Kottayam- Vaikom Canal	28	Kerala
60	Kumari	77	West Bengal
61	Kynshi River	28	Meghalaya
62	Lohit	100	Assam
63	Luni	327	Rajasthan
64	Mahanadi	425	Odisha
65	Mahananda	81	West Bengal
66	Mahi	248	Gujarat
67	Malaprabha	94	Karnataka
68	Mandovi	41	Goa
69	Manimutharu	5	Tamil Nadu
70	Manjara	242	Maharashtra, &Telangana
71	Mapusa/ Moide river	27	Goa
72	Nag	60	Maharashtra
73	Narmada	227	Gujarat
74	Netravathi	78	Karnataka
75	Palar	141	Tamil Nadu
76	Panchagangavali (Panchagangoli)	23	Karnataka
77	Pazhyar	20	Tamil Nadu
78	Penganga/ Wardha	265	Maharashtra & Telangana
79	Pennar	29	Andhra Pradesh
80	Ponniyar	125	Tamil Nadu
81	Punpun	35	Bihar

82	Puthimari	72	Assam
83	Rajpuri creek	31	Maharashtra
84	Ravi	42	HP & J&K
85	Revdanda Creek/ Kundalika river	31	Maharashtra
86	Rupnarayan River	72	West Bengal
87	Sabarmati	212	Gujarat
88	Sal	14	Goa
89	Savitri River (Bankot creek)	46	Maharashtra
90	Sharavati River	29	Karnataka
91	Shastri River/ Jaigad creek	52	Maharashtra
92	Silabati	26	West Bengal
93	Simsang River	62	Meghalaya
94	Sone	160	Bihar
95	Subansiri	111	Assam
96	Subarnrekha River	314	Jharkhand, West Bengal & Odisha
97	Sunderbans Waterway	654	West Bengal
	Bidya river		West Bengal
	ChhotaKalagachi (ChhotoKalergachi) river		West Bengal
	Gomar		West Bengal
	Haribhanga river		West Bengal
	Hogla (Hogal) – Pathankhali river		West Bengal
	Kalindi (Kalandi) river		West Bengal
	Katakhali river		West Bengal
	Matla river		West Bengal
	Muri Ganga (Baratala) river		West Bengal
	Raimangal river		West Bengal
	Sahibkhali (Sahebkhali) river		West Bengal
	Saptamukhi river		West Bengal
	Thakurran river		West Bengal
98	Sutlej	377	Punjab & HP
99	Tamaraparani	64	Tamil Nadu
100	Tapi	436	Maharashtra & Gujarat
101	Tizu/ Zungki Rivers	42	Nagaland
102	Tlawng (Dhaleswari)	86	Mizoram
103	Tons	73	UP
104	Tungabhadra	230	Telangana, Karnataka & AP
105	Udayavara	16	Karnataka
106	Umngot (Dawki) River	20	Meghalaya
107	Vaigai	45	Tamil Nadu
108	Varuna River	53	UP
109	Wainganga/ Pranahita River	164	Maharashtra & Telangana
110	Yamuna	1089	Haryana, UP & Delhi
111	Zuari	50	Goa
	TOTAL	20,275	

Annex-II

Status of Development of 8 New National Waterways

National Waterway	Status
1. River Barak (NW 16)	Proposal for development at a cost of Rs. 76.01 crore has been approved for Phase -1 of river Barak from Silchar to Bhanga. Dredging for fairway development work in Silchar Bhanga stretch has commenced. Consultant has been engaged for upgradation of terminals at Badarpur, Karimganj and new floating terminal at Silchar.
<u>Waterways in Goa</u> 2. NW- 27:Cumberjua 3. NW 68 – Mandovi 4. NW 111 – Zuari	A proposal for development of these NWs at a cost of Rs. 22.65 crore has been approved on 02.06.2017. Work is proposed to be executed through Government of Goa with the assistance of Mormugao Port Trust. Tripartite MoU is under finalization.
5. Alappuzha – Kottayam – Athirampuzha Canal (NW-9) :	Proposal for development of waterway at a cost of Rs. 1.60 crore has been approved on 02.06.2017. Tendering for night navigation facilities completed. Dredging is to be undertaken departmentally.
6. River Gandak (NW-37)	Proposal for development at a cost of Rs. 12.91 crore has been approved on 02.06.2017. Order for R.C. Works for fairway maintenance issued and execution is underway.
7. River Rupnarayan (NW-86):	Proposal for development at a cost of Rs. 24.00 crore has been approved on 02.06.2017. Re-tendering for dredging is in progress. Tender evaluation for setting up of floating terminal is in progress.
8. Sunderbans Waterways (NW-97)	Proposal for development at a cost of Rs. 18.10 crore has been sanctioned on 10.08.2017. Tender for dredging and floating pontoons are to be opened on 28.12.2017 and 16.01.2018 respectively.
