

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

**UNSTARRED QUESTION NO. 401**

ANSWERED ON 06.02.2023

**STATUS OF YAMUNA IN AGRA CITY**

401. DR. ASHOK BAJPAI

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

- (a) the minimum depth of river Yamuna as per the Detailed Project Report of the Inland Waterways Authority of India (IWAI) in the municipal limits of Agra;
- (b) whether Government is aware that the river Yamuna in Agra City is very shallow due to deposit of garbage, silt and inorganic materials;
- (c) whether Government has taken any initiative to desilt/ desludge/clean the river bed of Yamuna in Agra City; and
- (d) whether Government has rendered its assistance to the Uttar Pradesh Government by its technical, advisory, catalytic and promotional support?

**ANSWER**

**THE MINISTER OF STATE FOR JAL SHAKTI**

(SHRI BISHWESWAR TUDU)

(a) As informed by Inland Waterways Authority of India (IWAI), the Detailed Project Report (DPR) of National Waterway (NW)-110 (river Yamuna) prepared in January 2020, water depth observed in 25 km upstream of Taj Mahal and 23 km downstream of Taj Mahal in river Yamuna is detailed at **Annexure-1**.

(b) & (c) The river bed material comprises of organic and inorganic components in form of silt, sand, boulders etc. which is carried by river and deposited along its course. This process is dynamic, both in time and along the course of river, depending upon the fluvial dynamics of the flowing water during the year. Accordingly, the depth of river continues to change and become shallow on occasions when flows are minimal. However, during flood periods, the maximum discharge (peak flood) flowing in the Yamuna river safely passes from Gokul Barrage and from Agra district and washes away deposited material from the river bed including garbage, silt and inorganic materials. This continuous process happens every year.

A National Framework on Sediment Management (NFSM) has been prepared by Department of Water Resources, River Development and Gang Rejuvenation, Ministry of Jal Shakti, for comprehensive and holistic management of sediment by the State Governments/Project Authorities/Other Ministries. This framework provides process to be followed for desilting of rivers. This framework inter alia addresses management of sedimentation in rivers including dredging/desilting. The approved NFSM document is at [https://drive.google.com/file/d/1p4MQWUu9CDuDhL0Tatc5po4a1yO79b9q/view?usp=share\\_link](https://drive.google.com/file/d/1p4MQWUu9CDuDhL0Tatc5po4a1yO79b9q/view?usp=share_link)

(d) The Government has been rendering its assistance, technical as well as otherwise, to the State Government of Uttar Pradesh whenever the same is requested.

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**ANNEXURE-1**

**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 401 TO BE ANSWERED IN RAJYA SABHA ON 06.02.2023 REGARDING “STATUS OF YAMUNA IN AGRA CITY”.**

**Water depth observed in 25 km upstream of Taj Mahal and 23 km downstream of Taj Mahal.**

<b>Stretch</b>	<b>Stretch with water depths less than 1.2m (km)</b>	<b>Stretch with water depths between 1.2m to 1.4m (km)</b>	<b>Stretch with water depths between 1.5m to 1.7m (km)</b>	<b>Stretch with water depths between 1.8m to 2.0m (km)</b>	<b>Stretch with water depths more than 2.0m (km)</b>
Tajmahal to Baipur Ehtmal (25km)	21.10	1.20	1.40	0.65	0.65
Barauli Gujar to Madanpur (23km)	23.00	0.00	0.00	0.00	0.00

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