

26349

F No L-25011(13)/5/2022-LME NMCG-
National Mission for Clean Ganga
Department of WR, RD&GR
Ministry of Jal Shakti

Major Dhyanchand National Stadium
Near India Gate, New Delhi
Date: 21.12.2023

Subject: - Compliance Report on behalf of the National Mission for Clean Ganga (NMCG), D/O WR, RD&GR, Ministry of Jal Shakti –in terms of the Order dated 18.09.2023 in the matter of O.A No. 200/2014 M.C. Mehta vs Union of India & Ors before the Hon'ble NGT(PB)

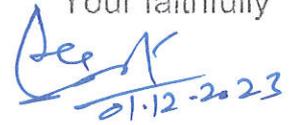
Sir,

This is with reference to the Hon'ble NGT' order dated 18.09.2023 in the above subject matter. The compliance Report of the National Mission for Clean Ganga (NMCG), Department of WR, RD&GR, Ministry of Jal Shakti in the said matter is annexed herewith. The same may kindly be placed before the Hon'ble NGT for consideration.

2. This issues with the approval of the competent authority.

Encl: As above

Your faithfully



Anup Kumar Srivastava
Executive Director (Tech)

To
The Registrar,
Hon'ble National Green Tribunal(PB), Copernicus Marg, New Delhi

Copy for information to:

- (1)PPS to the Secretary, DoWR, RD&GR, Ministry of Jal Shakti, Shram Shakti Bhawan, New Delhi.
- (2)PS to the DG, NMCG

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COMPLIANCE REPORT ON BEHALF OF THE NATIONAL MISSION FOR CLEAN GANGA (NMCG) IN TERMS OF THE ORDER DATED 18.09.2023, PASSED BY THE HON'BLE NGT (PRINCIPAL BENCH)

IN THE MATTER OF:

OA NO 200/2014 –

M.C MEHTA VS UNION OF INDIA & OTHERS

NATIONAL MISSION FOR CLEAN GANGA, DEPARTMENT OF
WATER RESOURCES, RIVER DEVELOPMENT & GANGA
REJUVENATION
MINISTRY OF JAL SHAKTI
NEW DELHI

NOVEMBER, 2023

COMPLIANCE REPORT ON BEHALF OF THE NATIONAL MISSION FOR CLEAN GANGA (NMCG) IN TERMS OF THE ORDER DATED 18.09.2023, PASSED BY THE HON'BLE NGT (PRINCIPAL BENCH), IN OA NO 200/2014 – M.C MEHTA VS UNION OF INDIA & OTHERS.

1. The Hon'ble NGT (PB) vide its order dated 28.08.2023, had inter-alia mentioned that the matter concerning issues related to pollution in river Ganga involving the State of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal will be taken up State-wise/City-wise. The matter involving issues in the stretch of river Ganga, in Uttarakhand, was taken up on 04.09.2023, and the Counsel for the applicant produced city/district-wise environmental issue concerning the pollution of river Ganga in the State of Uttarakhand.
2. That while considering the above matter further, for the stretch of Bihar/Jharkhand on 18.09.2023, the Executive Director (ED), NMCG, appeared through virtual mode, among other things, submitted before the Hon'ble Tribunal that under the River Ganga (Rejuvenation, Protection and Management) Authorities order 2016 [Herein after referred to as (Authority's Order of 2016)], the District Ganga Committee (DGC) is the ground level unit which has been entrusted with responsibility and District Magistrate is the Ex-Officio Chairman of the said Committee hence the requisite information can be furnished by it. (Kindly refer to Functions and Powers of DGC under paragraph 55 of the Authorities Order, 2016.)
3. The said Order also records that the 'ED, NMCG has also volunteered to furnish State, District and City wise information before the Tribunal.'
4. Accordingly, the relevant set of information is submitted as under:

a) Details of District Ganga Committee

- i. The Authorities Order dated 7thOctober 2016 issued by Government of India under Environment (Protection) Act, 1986 also creates mechanism of State Ganga Committees (SGCs) & District Ganga Committees (DGCs) for addressing challenge of pollution abatement & rejuvenation of River Ganga and its tributaries.
- ii. DGC 4 M (Monthly, Mandated, Minutes and Monitored meeting) meetings and the Digital Dashboard for Ganga Districts Performance Monitoring

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System (GDPMS), a dedicated portal for District Ganga Committees (DGCs) was launched by Hon'ble Minister of Jal Shakti on 6th April, 2022. Since then DGC meetings are being held regularly in almost all districts. The agenda are grouped into 3 headings- The national agenda, which deals with the projects and programs of NMCG and Ministry of Jal Shakti; The state and district agenda on issues pertaining to the state and district and the third- the seasonal agenda, which deals with seasonal issues like Catch The rain campaign, Floods or and local festivals like Chatt puja etc. Minutes of these Meetings are uploaded on to the dedicated portal. These are monitored and feedback given to them regularly by NMCA. District Project Officers have been appointed through DGCs, with funds from NMCG, to act as Secretariat to the DGCs. There has been tremendous improvement in the co-ordination and communication since the DGCs have started functioning.

- iii. 139 District Ganga Committees (52 on Main Stem and 87 on Tributaries) have been notified till now. DGCs created so far may be seen at <https://gdpms.mowr.gov.in/gis/INDIA>.

From April 2022 to October 2023, a **total of 2070 monthly meetings** have been held.

State	No of Districts	
	Main Stem	Tributaries
Uttarakhand	7	6
Uttar Pradesh	25	50
Bihar	12	26
Jharkhand	1	3
West Bengal	7	2
Total	52	87

b) Water Quality data of River Ganga of the preceding five years – 2018 to 2022 (State & district wise)

- i. Under the Namami Gange programme, the water quality of river Ganga is being monitored by Central Pollution Control Board (CPCB) at 97 manual monitoring locations on fortnightly basis (prior to August' 2020 on monthly basis) in 5 main stem States through concerned State PCBs namely Uttarakhand (UK), Uttar Pradesh (UP), Bihar, Jharkhand and West Bengal (WB) for parameters, such as pH, Dissolved Oxygen (DO), Biochemical Oxygen Demand (BOD), Faecal Coliform (FC), Faecal Streptococci (FS), etc.
- ii. River water quality is assessed for primary water quality criteria notified for

outdoor bathing in terms of pH (6.5-8.5), DO (≥ 5 mg/L), BOD (≤ 3 mg/L), FC (≤ 2500 MPN/100ml) and FS (≤ 500 MPN/100ml). Copy of MOEF&CC's notification dated September 2000 is attached at **Annexure-I**. Water quality data from year 2018 to 2022 for pH, DO, BOD, FC & FS are analyzed using statistical tool median and is attached at **Annexure-II**.

c) Status of Sewerage Infrastructure in 5 Ganga States

- i. Detailed analysis of the projects initiated, under Namami Gange-I (2015-2021) and Namami Gange – II revealed difficulties in timely completion of the Sewage Treatment Plants (STPs), laying of sewerage network, non-availability of the land, incomplete Detailed Projects Reports (DPRs), etc. These issues have been largely resolved/ improved with corrective actions taken with the cooperation/intervention of the State Governments.
- ii. Status of Sewerage Management in Ganga front towns is monitored by CPCB under the Namami Gange programme, and is at **Annexure-III**.

d) Platform for real Time Analysis of Yamuna and Ganga & its tributaries (PRAYAG)

- i. NMCG has developed PRAYAG, (Platform for Real-time Analysis of Yamuna And Ganga and its tributaries), a Real Time Monitoring Centre with on-line dashboards for planning and monitoring of project progress through real time feeds, river water quality, performance of STPs, PMT Tool Dashboard, Ganga District Performance Monitoring System etc. This was inaugurated by Hon'ble Minister of Jal Shakti on 20 April 2023.
- ii. The sewage treatment monitoring dashboard of the NMCG provides real-time data on the performance of sewage treatment plants (STPs) and the water quality as reported through monitoring stations at various locations along the river Ganga. Presently, it is fetching the data from the STP situated in the states of Uttarakhand, Uttar Pradesh, and Delhi. Total manual STP monitoring is 110. Total STPs monitored through Online Continuous Effluent Monitoring System (OCEMS) is 70. The dashboard displays a variety of information, including:
 - STP status: The dashboard shows the real-time status of an STP in terms of Compliant/Non-Compliant, Working/Non-Working, Capacity Utilization etc.
 - Effluent quality: The dashboard shows the real-time effluent quality of all STPs, including parameters such as pH, TSS, COD, and BOD.

- Compliance: The dashboard shows whether each STP is in compliance with the prescribed effluent discharge standards.
 - Alerts: The dashboard generates alerts when any STP exceeds its effluent discharge standards or when any other problem is detected.
- iii. This dashboard is also, as its first phase; is an attempt to create a web centric GIS based scientific Water Quality Application by using 8 years' data (2014 to 2022) with 4 parameters DO, BOD, FC and pH. The data of eight years processed in percentile based method (90, 10 and 50 Percentile) and compliance criteria applied for individual parameters separately. Final compliance statement is a result of overall compliance for all 4 parameters. The filter tools to the dashboard elements are used for specific State, District, Monitoring Stations, Station Code, Year to answer like:
- Stations Complying/Non-complying in respect of the water quality standards (w.r.t. 4 parameters) in Ganga States.
 - Dynamic Indicators indicating Average Percentile Value for the Parameters for the set of data used for study
 - Analyse the individual parameter trend for single or multiple monitoring stations State wise

e) Status of Industrial Pollution Management in 5 Ganga States

- i. NMCG has assigned a project 'Pollution Inventorization, Assessment & Surveillance (PIAS) on River Ganga Basin' to CPCB for carrying out various activities in Ganga Basin viz. inventorization, in-depth monitoring and compliance verification of Grossly Polluting Industries (GPIs), Sewage Treatment Plants (STPs), Common Effluent Treatment Plants (CETPs), Pollution monitoring and surveillance of water quality of major drains falling in main stream of River Ganga. Compliance status of the GPIs and CETPs existing is at **Annexure-IV**.
- ii. Joint Surveillance is also being carried out by NMCG along with CPCB/SPCBs and appropriate directions are issued to the concerned non-complying units (Industries/CETPs/STPs).
- iii. As mentioned above, NMCG is conducting regular surveillance to verify the compliance status of industries, Common Effluent Treatment Plant (CETP) and Sewage Treatment Plant (STP) located at River Ganga and its tributaries. Apart from regular periodic surveillance, some are based on complaints (VIP/Public), to review the compliance status to prevent industrial pollution reaching water bodies. Based on these surveillance, the industries that are

observed non-complying w.r.t. specified discharge norms are issued show-cause notices (SCN) and closure directions issued under section 5 of Environment (Protection) Act 1986. For example, recently, NMCG issued closure directions to 14 Textile industries in Mathura (not connected to CETP). Based on NMCG directions, these industries have installed or upgraded the Effluent Treatment Plant along-with treated water recycling facility in their respective industries which will reduce pollution load in River Yamuna.

- iv. NMCG Directions u/s 5 of E(P)Act 1986 were also issued to CETPs namely Pilkhuwa CETP, Tronica Apparel Park CETP, Unnao CETP, Mathura CETP that have resulted in satisfactory upgradation of Mathura CETP and Pilkhuwa CETP, while other two CETPs (Tronica Apparel Park and Unnao) are in process of upgradation.
- v. NMCG Directions / SCN were also issued u/s 5 of E(P)Act 1986 to STPs located in Gautam Buddh Nagar (Noida/Greater Noida) and Ghaziabad that have resulted in treatment performance and efficiency improvement of these STPs
- vi. NMCG issues directions u/s 5 of E(P)Act 1986 to States / UTs on annual basis on prohibition on Immersion of idols, puja Material and other items of religious offerings in River and other water bodies during occasion of festivals and for observance of certain preventive measures during Magh Mela to prevent pollutions in rivers.

f) Status of Solid Waste Management:

- i. State-wise status of Solid Waste Management as submitted by the States in their Monthly Progress Report is tabulated below:

No	State	MSW generation in the State in MTPD	Existing processing facility in MTPD	On-going/ Proposed Facility
1	Uttarakhand	1958.36	1256.19	Two waste processing & SLF facility proposed. C&D plants proposed.
2	Uttar Pradesh	14710	10337	Plants under construction: 8746 MTPD Proposed: 4980 MTPD

3	Bihar	5436	1837	-
4	Jharkhand	2206	1282	Under-construction: 10 MSW plants of 1105 MTPD Proposed: 25 MSW plants of 839 MTPD
5	West Bengal	8561.04 (in 43 Ganga Towns)	1349.3 plant operational	Under construction: 205 MTPD Proposed: 7132 MTPD (DPR prepared for 3042 MTPD)

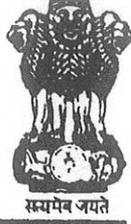
MTPD – Metric Tonnes per Day

g) Ecological Flow:

- i. Government of India, in exercise of the powers conferred vide notification viz. 'River Ganga (Rejuvenation, Protection and Management) Authority Order, 2016, has notified on 09.10.2018 the minimum environmental flows to be maintained in river Ganga, for stretch starting from its origin to Unnao in Uttar Pradesh, specifically at locations downstream of structures or projects meant for diversion of river flows for purposes like irrigation, hydropower, domestic and industrial and other requirements. The monitoring of E-flows in River Ganga is done by the Upper Ganga Basin Organization (UGBO), Central Water Commission and the data is regularly maintained and disseminated.
- ii. Above apart, Quarterly meeting of the Central Monitoring Committee (CMC) is also being held under the Chairmanship of Secretary, DoWR, RD & GR, Ministry of Jal Shakti with higher officials of 33 States/ UTs across India which focuses on implementation of Action Plan by the States for restoration of river stretches.



Anup Kumar Srivastava
Executive Director (Tech)
National Mission for Clean Ganga



भारत का राजपत्र

The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

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NEW DELHI, MONDAY, SEPTEMBER 25, 2000/ASVINA 3, 1922

पर्यावरण और वन मंत्रालय

अधिसूचना

नई दिल्ली, 25 सितम्बर, 2000

सा. का. नि. 742(अ).—केन्द्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1996 (1996 का 29) की धारा 6 और धारा 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, पर्यावरण (संरक्षण) नियम, 1996 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्—

1. (1) इन नियमों का संक्षिप्त नाम पर्यावरण (संरक्षण) संशोधन नियम, 2000 है।

(2) इस अधिसूचना में अन्यथा जैसा उपबंधित है उसके सिवाय, वे राजपत्र में प्रकाशन की तारीख को प्रवृत्त होंगे।

2. पर्यावरण (संरक्षण) नियम, 1986 में,—

(1) अनुसूची 1 में पटाखों के लिए शोर मानकों से संबंधित क्रम संख्याक 89 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित क्रम संख्यांक और उनसे संबंधित प्रविष्टियां अन्तःस्थापित की जाएंगी, अर्थात् :—

“90. कोयला खानों के लिए मानक

1. वायु क्वालिटी मानक

निम्नलिखित धूल उत्पादक स्रोतों से 500 मीटर की दूरी पर प्रबल हवा की दशा पर विचार करते हुए नीचे की ओर हवा की दिशा में निलंबित कणिकीय पदार्थ (एस. पी. एम.), अन्तः श्वसनीय कणिकीय पदार्थ (आर. पी. एम.), सल्फर डाईआक्साइड (एस ओ₂) और नाइट्रोजन आक्साइड (एन ओ₂) का संकेन्द्रण नीचे दी गई मारणी-I, और II, और III में विनिर्दिष्ट मानकों से अधिक नहीं होगा।

धूल उत्पादन के स्रोत

लदाई या उतराई, कर्षण सड़क, कोयला परिवहन सड़क, कोयला हथालने का संयंत्र (मी. एच. बी.) रेल सरकवां, विस्फोट, छेदन, अधिक ऊंचे ढेर या कोई अन्य धूल उत्पादन के बाहरी स्रोत जैसे कोक भट्टी (कठोर तथा मुलायम), इष्टिका उद्योग, पास की सड़क आदि।

- टिप्पण :—1. जहां उपचारित बहिस्त्राव ऐसे नगर सीवर में डाला जाता है जो अंतिम उपचार संयंत्र में जाता है, वहां जैव-रसायन आक्सीजन मांग (बी ओ डी) की 100 मि.ग्रा./लि. तक और रसायन आक्सीजन मांग (सी ओ डी) की 400 मि.ग्रा./लि. तक छूट दी जा सकेगी।
2. बहिस्त्राव की क्वालिटी (एक लिटर प्रति किलोग्राम उत्पाद) संयुक्त सूती वस्त्र उद्योग संयुक्त ऊनी वस्त्र उद्योग और टैक्सटाइल प्रसंस्करण उद्योग में क्रमशः 100, 250 और 80 होगी।

93. स्नान-जल के लिए प्राथमिक जल क्वालिटी मानदंड

जलाशय या उसके भाग में के जल का कई प्रकार से उपयोग किया जाता है। जल के उपयोगों और क्रियाकलापों के प्रकार पर निर्भर रहते हुए जल क्वालिटी की कसौटी किसी विशिष्ट प्रयोजन के लिए उसकी उपयुक्तता अवधारित करने के लिए विनिर्दिष्ट कर दी गई है। विभिन्न प्रकार के उपयोगों में एक उपयोग यह भी है जो जल के उच्चतर स्तर की क्वालिटी या शुद्धता की मांग करता है और उस जलाशय के विस्तार में उसे "अभिहित सर्वोत्तम उपयोग" के रूप में जाना जाता है। इस पर आधारित प्राथमिक जल क्वालिटी की कसौटी के निबंधनों के अनुसार विभिन्न उपयोगों के लिए जल क्वालिटी अपेक्षाएं विनिर्दिष्ट की गई हैं। सारणी 1 में स्नान-जल के लिए प्राथमिक जल क्वालिटी की तर्कयुक्त कसौटी विनिर्दिष्ट की गई है।

सारणी 1

स्नान-जल के लिए प्राथमिक जल क्वालिटी मानदंड

(संगठित बाह्य स्नान के लिए प्रयुक्त जल)

मानदंड		तर्कआधार
1. फिकल कोली फॉर्म एम. पी. एन./100 मि.लि.	500 (वांछनीय) 2500 (अधिकतम अनुज्ञेय)	निम्न मल जल संदूषण सुनिश्चित करने के लिए, फिकल कोलीफॉर्म और फिकल स्ट्रेप्टोकोक्की के बारे में यह माना गया है कि वे जीवाणु रोगोत्पादकता को दर्शित करते हैं। वांछनीय और अनुज्ञेय मांगों पर्यावरणिय दशाओं में उतार-चढ़ाव
2. फिकल स्ट्रेप्टोकोक्की एम. पी. एन./100 मि.लि.	100 (वांछनीय) 500 (अधिकतम अनुज्ञेय)	को अनुज्ञात करने के लिए सुझाव देती हैं जैसे कि मौसमी परिवर्तन, बहाव की दशाओं में परिवर्तन आदि।
2. पी. एस.	6.5 से 8.5 के बीच	यह रेंज त्वचा और आँख, नाक, कान आदि जैसे कोमल अंगों को संरक्षण प्रदान करती है जो बाह्य स्नान के दौरान सीधे प्रभावित होते हैं।
3. घुली हुई आक्सीजन		5 मि.ग्रा./लि. के न्यूनतम घुली हुई आक्सीजन संकेन्द्रण ठीक ऊपरीधारा में आर्गनिक प्रदूषण युक्त आक्सीजन लेने से युक्तियुक्त मुक्ति सुनिश्चित करते हैं जो तलछट से अनाइरोबिक गैसों (आबनोक्सीयस गैसों) के उत्पादन को निवारित करने के लिए आवश्यक है।
4. जैव-रसायन आक्सीजन मांग (बी ओ डी) (27° से. पर 3 दिन)		3 मि.ग्रा./लि. या इससे कम जल की जैव रसायन आक्सीजन मांग आक्सीजन डिमांडिंग प्रदूषकों से युक्तियुक्त मुक्ति सुनिश्चित करती है और आबनोक्सीयस गैसों के उत्पादन को रोकता है।"
(2) अनुसूची 6 के शोर मान दंडों से संबंधित भाग ड में, मोटरगाड़ियों के लिए शोर सीमा से संबंधित भाग क के पश्चात् निम्नलिखित अन्तः स्थापित किया जाएगा :—		

“कक. 1 जनवरी, 2003 से मोटर यानों के लिए शोर सीमा

मोटर यानों के लिए निम्नलिखित शोर सीमा 1 जनवरी, 2003 से लागू होगी। अनुसरण किए जाने वाली परीक्षण पद्धति भा मा.

MINISTRY OF ENVIRONMENT AND FORESTS

NOTIFICATION

New Delhi, the 25th September, 2000

G.S.R. 742(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely.

1. (1) These rules may be called the Environment (Protection) Amendment Rules, 2000.
(2) Save as otherwise provided in this notification, they shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986,—
 - (1) In Schedule I, after serial number 89 relating to Noise standards for fire crackers and the entries relating thereto, the following serial numbers and entries shall be inserted, namely:—

“90. Standards for coal mines**1. Air Quality Standards**

The Suspended Particulate Matter (SPM), Respirable Particulate Matter (RPM), Sulphur dioxide (SO₂) and Oxides of Nitrogen (NO_x) concentration in downwind direction considering predominant wind direction, at a distance of 500 metres from the following dust generating sources shall not exceed the standards specified in the Tables I, II and III given below:

Dust Generating Sources

Loading or unloading, Haul road, coal transportation road, Coal handling plant (CHP), Railway siding, Blasting, Drilling, Overburden dumps, or any other dust generating external sources like coke ovens (hard as well as soft), briquette industry, nearby road etc.

93. Primary Water Quality Criteria for Bathing Waters.

In a water body or its part, water is subjected to several types of uses. Depending on the types of uses and activities, water quality criteria have been specified to determine its suitability for a particular purpose. Among the various types of uses there is one use that demands highest level of water quality or purity and that is termed as "Designated Best Use" in that stretch of water body. Based on this, water quality requirements have been specified for different uses in terms of primary water quality criteria. The primary water quality criteria for bathing water are specified along with the rationale in table 1.

Table 1.

**PRIMARY WATER QUALITY CRITERIA FOR BATHING WATER
(Water used for organised outdoor bathing)**

CRITERIA		RATIONALE
1. Fecal Coliform MPN/100 ml:	500 (desirable) 2500 (Maximum Permissible)	To ensure low sewage contamination. Fecal coliform and fecal streptococci are considered as they reflect the bacterial pathogenicity.
2. Fecal Streptococci MPN/100 ml:	100 (desirable) 500 (Maximum Permissible)	The desirable and permissible limits are suggested to allow for fluctuation in environmental conditions such as seasonal change, changes in flow conditions etc.
2. pH:	Between 6.5 -8.5	The range provides protection to the skin and delicate organs like eyes, nose, ears etc. which are directly exposed during outdoor bathing.
3. Dissolved Oxygen:	5 mg/l or more	The minimum dissolved oxygen concentration of 5 mg/l ensures reasonable freedom from oxygen consuming organic pollution immediately upstream which is necessary for preventing production of anaerobic gases (obnoxious gases) from sediment.
4. Biochemical Oxygen demand 3 day, 27°C:	3 mg/l or less	The Biochemical Oxygen Demand of 3 mg/l or less of the water ensures reasonable freedom from oxygen demanding pollutants and prevent production of obnoxious gases";

Water Quality of River Ganga from 2018-2022(Figures in 'RED' denotes their deviation from Standard norms)**Water quality data of river Ganga – 2018**

State name	District name	Station name	DO (mg/L)	BOD (mg/L)	FC (MPN/100ml)	pH
Uttarakhand	UTTARKASHI	BHAGIRATHI AT GANGOTRI	8.8	1	7	7.1
	RUDRAPRAYAG	MANDAKINI B/C ALAKNANDA, RUDRAPRAYAG	9.2	1	450	7.6
	RUDRAPRAYAG	ALAKNANDA B/C MANDAKINI, RUDRA PRAYAG	9.2	1	2300	7.8
	RUDRAPRAYAG	ALAKNANDA A/C MANDAKINI, RUDRAPRAYAG	9.2	1	780	7.7
	TEHRI GARHWAL	BHAGIRATHI B/C ALAKNANDA, DEVPRAYAG	9.2	1	36	7.7
	TEHRI GARHWAL	ALAKNANDA B/C BHAGIRATHI, DEVPRAYAG	9.2	1	780	7.7
	TEHRI GARHWAL	ALAKNANDA A/C BHAGIRATHI, DEVPRAYAG	9.4	1	490	7.6
	PAURI GARHWAL	U/S RISHIKESH	9.8	1		7.6
	DEHRADUN	A/c SONG NEAR SATYANARAYAN TEMPLE, D/S RAIWALA	8.8	1		7.7
	DEHRADUN	RISHIKESH D/S	9.6	1		7.6
	HARIDWAR	HAR-KI- PAURI GHAT	8.8	1		7.9
	HARIDWAR	HARIDWAR D/S	9.1	1		7.8
	HARIDWAR	ROORKEE D/S	9.2	1		8

Uttar Pradesh		MADHYA GANGA BARRAGE (BINOR)		8.8	1.3			7.5
BINOR								
PRAYAGRAJ	GARHMUKTESHWAR			7.8	2.5		330	7.5
HAPUR	BRUIGHAT GHARMUKTESHWAR			8	2.3		210	7.4
ANOOPSHAHAR	U/S ANOOPSHAHAR			7.4	2.2		270	7.4
ANOOPSHAHAR	ANOOPSHAHAR D/S			9	2.5		235	7.4
BULANDSHAHR	NARORA (BULANDSAHAR)			7.5	2		270	7.4
BADAUN	KACHHLA GHAT (ALIGARH)			7.4	2.1		220	7.5
FARRUKABAD	FARRUKHABAD			8.5	2.5		1700	8.2
KANNAUJ	U/S KANNAUJ (RAIGHAT)			8.2	3.5		2200	8.3
KANNAUJ	KANNAUJ D/S			8.8	4.5		2750	8.2
KANPUR	BITHOOR (KANPUR)			8.2	3.5		2500	8.4
KANPUR	U/S KANPUR (RANIGHAT)			7.1	3.8		2950	8.2
KANPUR	BATHING GHAT (BHARAOGHAT)			7.7	3.6		2700	8.3
KANPUR	SHUKLAGANJ D/S			6.9	4.2		3250	8.1
KANPUR	BATHING GHAT (GOLA GHAT)			6.7	4.5		3400	8
KANPUR	KANPUR D/S (JAJMAU PUMPING STATION)			5.8	7.5		30000	7.8
KANPUR	BATHING GHAT (JAJMAU BRIDGE)			6.4	5.7		7000	7.9
RAEBARELI	DALMAU (RAI BAREILLY)			10	3.6		4700	7.9
PRATAPGARH	KALA KANKAR (PRATAPGARH)			9.9	3.5		4900	7.9
PRAYAGRAJ	PRAYAGRAJ (RASOOLABAD)			9.1	3.8		11000	8.2
KAUSHAMABI	KADAGHAT (PRAYAGRAJ)			8.8	4.1		17000	8.4
PRAYAGRAJ	PRAYAGRAJ D/S (SANGAM)			9	3.4		11000	8.3
PRAYAGRAJ	A/C TAMSA RIVER (SIRSA)			9.2	2.7		6800	8.1

MIRZAPUR	U/S, VINDHYACHAL (MIRZAPUR)	8.8	2.8	800	8.2
MIRZAPUR	D/S, MIRZAPUR	7.7	3.4	2200	8.2
MIRZAPUR	CHUNAR	8.4	3.2	8000	8.4
VARANASI	U/S VARANASI (ASSIGHAT)	7.8	2.8	1300	8.3
VARANASI	VARANASI D/S (MALVIYA BRIDGE)	6.4	5.1	32000	8.2
GHAZIPUR	A/C GOMTI RIVER (BHUSAULA)	7.6	3.2	17000	8.4
GHAZIPUR	TARIGHAT (GHAZIPUR)	6.9	4.4	23000	8.2
BUXAR	BUXAR	8.2	1.8	3100	7.8
BUXAR	U/S JAIL GHAT, BUXAR (A/C THORA RIVER)	7.9	2.4	3100	7.8
BUXAR	BUXAR, RAMREKHAGHAT	8	2.3	4000	7.9
BUXAR	BUXAR D/S, NEAR GANGA BRIDGE	7.8	2.4	4000	7.9
SARAN	ARRAH-CHAPRA ROAD BRIDGE, U/S DORIGANJ	8.1	1.7	2100	7.7
SARAN	C/F SONE DORIGANJ, CHAPRA	8.1	1.9	3300	7.7
SARAN	MAA AMBIKA ASTHAN, DORIGANJ D/S (SARAN)	7.9	2.4	7900	7.8
PATNA	DANAPUR, NEAR PIPAPUL	8.1	1.9	3300	7.7
PATNA	KHURJI, U/S PATNA	8	2.2	3100	7.7
PATNA	DARBHANGA GHAT (PATNA)	7.6	2.4	6100	7.7
PATNA	GULBI GHAT (PATNA)	7.8	2.7	6100	7.7
PATNA	PATNA D/S (GANGA BRIDGE)	7.8	2.5	7000	7.6
PATNA	MALSALAMI (PATNA)	8	2.1	3100	7.8
PATNA	TRIVENI GHAT	7.7	2.3	6550	7.5
PATNA	FATUHA	7.3	2.5	2850	7.4

	PATNA	BARH		7.6	2.2		3100	7.2
	PATNA	NAWADAGHAT D/S		7.8	2		3100	7.4
	PATNA	U/S BARAHPUR BINDTOLI		7.8	2.1		4000	7.6
	PATNA	U/S MOKAMA		7.8	2.2		4000	7.6
	PATNA	MOKAMA D/S		7.7	2.5		11000	7.7
	BEGUSARAI	BARAHIA		7.9	2.2		4000	7.5
	MUNGER	U/S MUNGER		8.2	2.1		6100	7.6
	MUNGER	MUNGER		7.9	2.4		13000	7.8
	BHAGALPUR	U/S SULTANGANJ		7.8	2		11000	7.8
	BHAGALPUR	SULTANGANJ (BHAGALPUR)		7.5	2.5		17000	7.5
	BHAGALPUR	CHAMPANAGAR		8.3	1.8		9000	7.7
	BHAGALPUR	Bhagalpur		8.3	1.8		7000	7.7
	BHAGALPUR	U/S Bhagalpur		7.5	2.5		7000	7.4
	BHAGALPUR	KAHALGAON		8	2		7000	7.6
	BHAGALPUR	D/S KAHALGAON, NEAR CREMATTON GHAT		7.5	2.4		6100	7.7
Jharkhand	SAHIBGANJ	U/S NEARA LCT GHAT		8.5	2.4		-	8.4
	SAHIBGANJ	NEAR JANTA GHAT D/S		7.8	2.6		-	8.4
	SAHIBGANJ	RAJMAHAL		8.1	2.6		-	7.9
	SAHIBGANJ	SANGI DALAN		8.2	2.6		-	8
West Bengal	MURSHIDABAD	BEHARAMPORE		6.8	2.1		30000	7.8
	MURSHIDABAD	KHAGRA, BEHARAMPORE		5.7	1.2		70000	7.8
	MURSHIDABAD	GORABAZAR, BEHARAMPORE		7.7			60000	8.3
	NADIA	NABADIP, GHOSH PARA NEAR MONIPURGHAT		7.2	3		65000	8.2
	HOOGLY	TRIBENI, NEAR BURNING GHAT		6.2	2.6		71500	8.3
	NORTH 24 PARGAS	SHITALATALA, PALTA		6.3	2.6		130000	7.5
	NORTH 24 PARGAS	PALTA		6.4	1.8		50000	7.4
	HOOGLY	SERAMPORE		6	3.3		95000	8.2

NORTH 24 PARGAS	DAKSHINESHWAR	5.4	3.9	300000	7.6
KOLKATA	SHIVPUR (HOWRAH)	6.2	2.9	160000	7.4
KOLKATA	GARDEN REACH	5.1	4	240000	7.5
HOWRAH	ULUBERIA	5.6	3.7	23000	7.2
SOUTH 24 PARGAS	DIAMOND HARBOUR	6.4	2.1	17000	7.7

Water quality data of river Ganga – 2019

State name	District name	Station name	DO, mg/l	BOD, mg/l	FC, MPN/100ml	pH
Uttarakhand	UTTARKASHI	BHAGIRATHI AT GANGOTRI	10.3	1.1	7	7.4
	RUDRAPRAYAG	MANDAKINI B/C ALAKNANDA, RUDRAPRAYAG	9.5	1	1.9	7.85
	RUDRAPRAYAG	ALAKNANDA B/C MANDAKINI, RUDRA PRAYAG	9.7	1	1.9	7.74
	RUDRAPRAYAG	ALKANANDA A/C MANDAKINI, RUDRAPRAYAG	9.7	1	1.9	7.79
	TEHRI GARHWAL	BHAGIRATHI B/C ALAKNANDA, DEVPRAYAG	9.7	1	1.9	7.75
	TEHRI GARHWAL	ALAKNANDA B/C BHAGIRATHI, DEVPRAYAG	9.5	1	1.9	7.8
	TEHRI GARHWAL	ALAKNANDA A/C BHAGIRATHI, DEVPRAYAG	9.7	1	1.9	7.82
	PAURI GARHWAL	U/S RISHIKESH	10.1	1	17	7.6
	DEHRADUN	A/C SONG NEAR SATYANARAYAN TEMPLE, D/S RAIWALA	9.1	1	110	7.8
	DEHRADUN	RISHIKESH D/S	9.7	1	30	7.7
	HARIDWAR	HAR-KI- PAURI GHAT	9.7	1	30	7.9

	HARDWAR	HARDWAR D/S	9	1	140	7.6
	HARDWAR	ROORKEE D/S	9.3	1	70	7.8
Uttar Pradesh	BJNOR	MADHYA GANGA BARRAGE (BJNOR)	8.3	1.4		7.6
	PRAYAGRAJ	GARHMUKTESHWAR	8.7	1.9	505	7.3
	HAPUR	BRJGHAT GHARMUKTESHWAR	8.4	1.5	240	7.2
	ANOOPSHAHAR	U/S ANOOPSHAHAR	8.3	1.4	230	7.2
	ANOOPSHAHAR	ANOOPSHAHAR D/S	8.3	1.4	220	7.2
	BULANDSHAHR	NARORA (BULANDSAHAR)	8	1.5	540	7.3
	BADAUN	KACHHLA GHAT (ALIGARH)	10.1	1.3	220	7.6
	FARRUKABAD	FARRUKHABAD	8.5	2.1	1350	8.1
	KANNAUJ	U/S KANNAUJ (RAJGHAT)	8.3	2.8	2100	8.2
	KANNAUJ	KANNAUJ D/S	8.1	3.2	2650	8.1
	KANPUR	BITHOOR (KANPUR)	7.5	2.8	2150	8.4
	KANPUR	U/S KANPUR (RANIGHAT)	7.5	3	2600	8.2
	KANPUR	BATHING GHAT (BHARAOGHAT)	7.6	3.2	2200	8.3
	KANPUR	SHUKLAGANJ D/S	7.6	3.2	3650	8.3
	KANPUR	BATHING GHAT (GOLA GHAT)	7.3	3.8	3700	8.1
	KANPUR	KANPUR D/S (JAJMAU PUMPING STATION)	6.8	4.2	22000	8.1
	KANPUR	BATHING GHAT (JAJMAU BRIDGE)	7.3	3.8	6400	8.2
	RAEBARELI	DALMAU (RAI BAREILLY)	7.9	3.8	2850	8.3
	PRATAPGARH	KALA KANKAR (PRATAPGARH)	8	3.7	2750	8.4
	PRAYAGRAJ	PRAYAGRAJ (RASOOLABAD)	8.2	2.8	7850	8.26
	KAUSHAMABI	KADAGHAT (PRAYAGRAJ)	8	3.2	11000	8.2

	PRAYAGRAJ	PRAYAGRAJ D/S (SANGAM)	8.1	2.8	10150	8.1
	PRAYAGRAJ	A/C TAMSA RIVER (SIRSA)	7.8	2.7	7000	8.2
	MIRZAPUR	U/S, VINDHYACHAL (MIRZAPUR)	8.2	2.7	800	8.3
	MIRZAPUR	D/S, MIRZAPUR	7.6	3.6	8500	8.2
	MIRZAPUR	CHUNAR	7.9	3.2	7000	8.2
	VARANASI	U/S VARANASI (VISHWA SUNDARI BRIDGE)	8.2	2.7	800	8.3
	VARANASI	VARANASI D/S (MALVIYA BRIDGE)	7.2	3.7	19500	8.2
	GHAZIPUR	A/C GOMTI RIVER (BHUSAULA)	8.1	3.2	8000	8.3
	GHAZIPUR	TARIGHAT (GHAZIPUR)	7.4	3.6	13000	8.2
	BUXAR	BUXAR	8.3	1.7	7450	7.9
	BUXAR	U/S JAIL GHAT, BUXAR (A/C THORA RIVER)	7.6	1.9	4000	7.9
	PATNA	GANGA AT KACHCHI-DARGAH-BIDUPUR ROAD BRIDGE, PATNA	8.5	1.7	3600	8.1
	BUXAR	BUXAR, RAMREKHAGHAT	7.6	2.3	4000	7.8
	BUXAR	BUXAR D/S, NEAR GANGA BRIDGE	7.7	2.2	6450	7.9
	SARAN	ARRAH-CHAPRA ROAD BRIDGE, U/S DORIGANJ	7.9	1.8	2100	7.6
	SARAN	C/F SONE DORIGANJ, CHAPRA	8.2	1.9	3300	7.8
	SARAN	MAA AMBIKA ASTHAN, DORIGANJ D/S (SARAN)	8.5	2.1	9950	7.8
	PATNA	DANAPUR, NEAR PIPAPUL	8.3	1.8	3300	8.1
	PATNA	KHURJI, U/S PATNA	8.1	1.8	3600	8.1
	PATNA	DARBHANGA GHAT (PATNA)	8.1	2	11000	8
Bihar						

Jharkhand	PATNA	GULBI GHAT (PATNA)	7.3	2.3	4500	7.85
	PATNA	PATNA D/S (GANGA BRIDGE)	7.4	2.1	7900	7.9
	PATNA	MALSALAMI (PATNA)	8.2	1.9	3300	8.05
	PATNA	TRIVENI GHAT	7.6	2.2	11000	8.05
	PATNA	FATUHA	6.7	2.4	3300	7.75
	PATNA	BARH	7.6	1.8	4900	7.85
	PATNA	BAKHYIYARPUR-TAJPUR BRIDGE ON GANGA, ATHMAGOLA, PATNA	7	1.6	5950	8.1
	PATNA	NAWADAGHAT D/S	7.5	1.9	3600	8.05
	PATNA	U/S BARAHPUR BINDTOLI	7.8	2	5950	8.1
	PATNA	U/S MOKAMA	8.1	1.9	3100	8
	PATNA	MOKAMA D/S	7	2.4	12500	7.9
	BEGUSARAI	BARAHIA	8.5	1.6	7000	8
	MUNGER	U/S MUNGER	7.5	1.9	7000	7.9
	MUNGER	MUNGER	7.2	2	12000	7.9
	BHAGALPUR	U/S SULTANGANJ	7.8	1.8	7000	8.05
	BHAGALPUR	SULTANGANJ (BHAGALPUR)	7.3	1.9	6100	8
	BHAGALPUR	CHAMPANAGAR	7.3	1.9	3950	8.1
	BHAGALPUR	WATER INTAKE POINT, BHAGALPUR	7	1.6	5900	8.2
	BHAGALPUR	BHAGALPUR	8.2	1.6	4500	8
	BHAGALPUR	U/S BHAGALPUR	7.1	2.2	7000	8.05
BHAGALPUR	KAHALGAON	8	1.7	6100	8	
BHAGALPUR	KAHALGAON D/S, NEAR CREMATION GHAT	7.4	2	11000	8.05	
SAHIBGANJ	U/S NEARA LCT GHAT	8.2	2.5	-	8	
SAHIBGANJ	NEAR JANTA GHAT D/S	8.2	2.5	-	8	

State name	District name	Station name	DO (mg/L)	BOD (mg/L)	FC, (MPN/100ml)	FS, (MPN/100ml)	pH
West Bengal	SAHIBGANJ	RAJMAHAL	8.4		2.6	-	8.4
	SAHIBGANJ	SANGI DALAN	8.3		2.6	-	8.2
	MURSHIDABAD	BEHARAMPORE	6.8		2.7	80000	8.05
	MURSHIDABAD	KHAGRA, BEHARAMPORE	7		2.3	110000	8
	MURSHIDABAD	GORABAZAR, BEHARAMPORE	6.6		2.8	75000	8.02
	NADIA	NABADIP, GHOSH PARA NEAR MONIPURGHAT	6.8		2.5	50000	8.12
	HOOGHLY	TRIBENI, NEAR BURNING GHAT	6.4		3.5	50000	8
	NORTH 24 PARGAS	SHITALATALA, PALTA	6.4		3.3	110000	8
	NORTH 24 PARGAS	PALTA	5.8		3.9	130000	8
	HOOGHLY	SERAMPORE	6.3		4.1	50000	8
	NORTH 24 PARGAS	DAKSHINESHWAR	5.8		4.1	130000	7.62
	KOLKATA	SHIVPUR (HOWRAH)	5.3		2.8	80000	7.65
	KOLKATA	GARDEN REACH	5.5		3.6	80000	7.62
	HOWRAH	ULUBERIA	5.5		2.9	22000	7.7
	SOUTH 24 PARGAS	DIAMOND HARBOUR	6.2		2.1	1300	7.7

Water quality data of river Ganga – 2020

State name	District name	Station name	DO (mg/L)	BOD (mg/L)	FC, (MPN/100ml)	FS, (MPN/100ml)	pH
Uttarakhand	UTTARKASHI	BAGIRATHI AT GANGOTRI	9.8		2	2	7.1
	RUDRAPRAYAG	MANDAKINI B/C ALAKNANDA, RUDRAPRAYAG	9.8		1.8	1.8	7.5
	RUDRAPRAYAG	ALAKNANDA B/C MANDAKINI, RUDRA PRAYAG	9.6		1.8	1.8	7.6

	RUDRAPRAYAG	ALKANANDA A/C MANDAKINI, RUDRAPRAYAG	10	1	1.8	1.8	7.7
	TEHRI GARHWAL	BHAGIRATHI B/C ALAKNANDA, DEVPRAYAG	10	1	1.8	1.8	7.5
	TEHRI GARHWAL	ALAKNANDA B/C BHAGIRATHI, DEVPRAYAG	10.4	1	1.8	1.8	7.8
	TEHRI GARHWAL	ALAKNANDA A/C BHAGIRATHI, DEVPRAYAG	10.6	1	1.8	1.8	7.7
	PAURI GARHWAL	GANGA AT SWARG ASHRAM-1	9.3	1	26.5	1.8	7.6
	PAURI GARHWAL	U/S RISHIKESH	10.6	1	13	1.8	7.7
	DEHRADUN	GANGA AT LAKKAR GHAT- OXIDATION PONDS	9	1.2	26	1.8	7.5
	DEHRADUN	RISHIKESH D/S	9.7	1	23	1.8	7.6
	DEHRADUN	A/C SONG NEAR SATYANARAYAN TEMPLE, D/S RAIWALA	8.9	1.2	55	1.8	8
	HARIDWAR	HAR-KI- PAURI GHAT	9.8	1	32	1.8	7.8
	HARIDWAR	HARIDWAR D/S	9.2	1.2	60	1.8	7.7
	HARIDWAR	GANGA AT JAGITPUR	9.6	1.2	43	1.8	7.9
	HARIDWAR	ROORKEE D/S	9.5	1.2	43	1.8	7.7
	BJNOR	MADHYA GANGA BARRAGE (BJNOR)	8.8	1.1	1100	7.5	7.8
	HAPUR	U/S BRJGHAT, GARHMUKTESHWAR	9.2	1.4	215	1.80	7.8
	PRAYAGRAJ	BRJGHAT D/S, GHARMUKTESHWAR	9	2.2	350	295	7.9
	ANOOPSHAHAR	U/S ANOOPSHAHAR	8.5	1.2	780	1.8	7
	ANOOPSHAHAR	ANOOPSHAHAR D/S	8.6	1.3	1100	10.9	7
	BULANDSHAHR	NARORA (BULANDSAHAR)	8.6	1.3	1100	20	7.1
Uttar Pradesh							

BADAUN	KACHHLA GHAT (ALJGARH)	10.3	1.2	220	1.8	7.5
FARRUKABAD	FARRUKHABAD	8.8	2.1	1000	1.8	8.1
KANNAUJ	U/S KANNAUJ (RAJGHAT)	8.4	2.6	1700	1.8	8.2
KANNAUJ	KANNAUJ D/S	8.1	2.9	2100	1.8	8
KANPUR	BITHOOR (KANPUR)	8.5	2.8	1800	45	8.4
KANPUR	U/S KANPUR (RANIGHAT)	8.4	3.1	2600	20	8.3
KANPUR	U/s SHUKLAGANJ/BATHING GHAT (BHARAOGHAT)	8.1	3.1	2200	68	8.4
KANPUR	SHUKLAGANJ D/S	8	3.4	3300	20	8.2
KANPUR	BATHING GHAT (GOLA GHAT)	7.3	3.7	9200	1.8	8.2
KANPUR	BATHING GHAT (JAJMAU BRIDGE)	7.4	4.1	17000	20	8.2
KANPUR	KANPUR D/S (JAJMAU PUMPING STATION)/JANE VILL.	7.3	4.2	22000	1.8	8.1
RAEBARELI	DALMAU (RAI BAREILLY)	9.3	3.8	1400	20	7.9
PRATAPGARH	KALA KANKAR (PRATAPGARH)	9.5	3.8	1300	20	7.8
KAUSHAMABI	KADAGHAT (PRAYAGRAJ)	8.5	2.2	1300	1.8	8.3
PRAYAGRAJ	PRAYAGRAJ (RASOOLABAD)	8.4	2.5	1400	1.8	8.1
PRAYAGRAJ	PRAYAGRAJ D/S (SANGAM)	7.8	2.5	1200	1.8	8.2
PRAYAGRAJ	A/C TAMAS RIVER (SIRSA)	8.5	2.4	1300	20	8.1
MIRZAPUR	U/S, VINDHYACHAL (MIRZAPUR)	8.5	2.7	1200	1300	8.3
MIRZAPUR	D/S, MIRZAPUR	7.5	3.6	11000	7500	8.5
MIRZAPUR	CHUNAR	8.2	3.2	6000	4600	8.4
VARANASI	U/S VARANASI (ASSIGHAT)	8.6	2.6	1100	1100	8.4

	VARANASI	VARANASI D/S (MALVIYA BRIDGE)	7.3	3.7	13000	10000	8.4
	GHAZIPUR	A/C GOMTI RIVER (BHUSAULA)	8.3	3.2	8000	6300	8.5
	GHAZIPUR	TARIGHAT (GHAZIPUR)	7.4	3.8	13000	8500	8.4
	BUXXAR	BUXXAR, CHAUSA KARMNASA	9	1.6	22000	94	8.1
	BUXXAR	U/S JAIL GHAT, BUXXAR (A/C THORA RIVER)	8.1	1.6	44500	220	8
	BUXXAR	BUXXAR, RAMREKHAGHAT	8.5	1.7	35000	77.5	8.1
	BUXXAR	BUXXAR D/S, NEAR GANGA BRIDGE	8.2	1.8	54000	195	8.1
	SARAN	ARRAH-CHAPRA ROAD BRIDGE, U/S DORIGANI	8.5	1.7	13000	110	8.2
	SARAN	C/F OF SONE RIVER AT DORIGANI, CHAPRA	7	1.7	22000	125	7.9
	SARAN	MAA AMBIKA ASTHAN, DORIGANI D/S (SARAN)	8	1.7	22000	790	7.9
	PATNA	DANAPUR, NEAR PIPAPUL	8.3	1.5	2600	2722.5	8.1
	PATNA	KURJI AT DIGHA GHAT, U/S PATNA	7.7	1.6	23000	300	8.1
	PATNA	NIT GHANDHI GHAT (PATNA)	7	1.9	92000	3500	7.9
	PATNA	GULBI GHAT (PATNA)	7	1.9	160000	1400	7.9
	PATNA	PATNA D/S (GANGA BRIDGE)	7	1.9	35000	1700	7.9
	PATNA	MALSALAMI (PATNA)	8.8	1.6	11000	1450	8.1
	PATNA	GANGA AT KACHCHI-DARGAH-BIDUPUR ROAD BRIDGE, PATNA	7.8	1.9	20500	490	8
	PATNA	TRIVENI GHAT, B/c OF RIVER PUNPUN	7.1	1.9	11000	270	7.9

PATNA	FATUHA, A/c OF RIVER PUNPUN	6.3	2.1	22000	400	7.9
PATNA	BAKHIYARPUR-TAJPUR BRIDGE ON GANGA, ATHMAGOLA, PATNA	7.9	1.8	35000	110	7.9
PATNA	BARH, NEAR UMANATH TEMPLE	6.9	1.8	17000	335	7.8
PATNA	NAWADAGHAT D/S (WATER INTAKE OF NTPC) BARH	7.5	1.7	13000	140	8
PATNA	U/S BARAHPUR BINDTOLI	8.1	1.9	19500	270	8
PATNA	U/S MOKAMA	7.7	1.7	35000	5400	7.9
PATNA	MOKAMA D/S (D/S RAJENDRA BRIDGE)	7.1	1.7	11000	124	8
BEGUSARAI	BARAHIA	7.6	1.9	7450	27	8
MUNGER	U/S MUNGER	7.7	1.8	53000	45	7.9
MUNGER	MUNGER	7.4	1.9	63500	20	7.9
BHAGALPUR	U/S SULTANGANJ	7.5	1.7	54000	40	7.9
BHAGALPUR	SULTANGANJ (BHAGALPUR)	8.1	1.8	73000	110	7.9
BHAGALPUR	WATER INTAKE POINT, BHAGALPUR	7.1	2	160000	3550	7.7
BHAGALPUR	CHAMPANAGAR	6.4	1.9	22000	330	7.8
BHAGALPUR	BHAGALPUR	7	1.7	26000	20	7.9
BHAGALPUR	U/S BHAGALPUR	6.3	2	160000	1700	7.7
BHAGALPUR	KAHALGAON	9.2	1.9	24000	154	7.9
BHAGALPUR	KAHALGAON D/S, NEAR CREMATION GHAT	9	1.5	17000	42.5	7.9
SAHIBGANJ	U/S NEARA LCT GHAT	8.6	2.4			8.2
SAHIBGANJ	NEAR JANTA GHAT D/S	8.4	2.6			7.8
SAHIBGANJ	RAJMAHAL	8.4	1.6			7.8
Jharkhand						

West Bengal	SAHIBGANJ	SANGI DALAN	8.6	1.8				8.1
	MURSHIIDABAD	KHAGRA, BEHARAMPORE	7.4	2.6	49000		490	8.1
	MURSHIIDABAD	BEHARAMPORE	6.8	2.6	79000		800	8
	MURSHIIDABAD	GORABAZAR, BEHARAMPORE	7.3	2.4	23000		600	8
	NADIA	NABADIP, GHOSHPARA NEAR MONIPURGHAT	6.6	2.8	30000		280	8
	HOOGLY	TRIBENI, NEAR BURNING GHAT	6.4	3.1	17000		800	8
	NORTH 24 PARGAS	SHITALATALA, PALTA	5.7	3.4	110000		1700	8
	NORTH 24 PARGAS	PALTA	6	2.8	26000		795	8.1
	HOOGLY	SERAMPORE	5.6	2.8	23000		600	8
	NORTH 24 PARGAS	DAKSHINESHWAR	6.1	3.5	80000		155	7.7
	KOLKATA	GARDEN REACH	5.2	2.6	70000		101	7.4
	KOLKATA	SHIVPUR (HOWRAH)	5.2	2.8	70000		150	7.3
	HOWRAH	ULUBERIA	5.7	2.2	17000		84.5	7.5
	SOUTH 24 PARGAS	DIAMOND HARBOUR	6.3	2.2	7000		40	7.4
	PURBA MEDINIPUR	GANGA AT PATIKALI NEAR DURGA CHAK	7	1.6	1750		125	7.6

Water quality data of river Ganga – 2021

State name	District name	Station name	DO (mg/L)	BOD (mg/L)	FC (MPN/100 ml)	FS (MPN/100ml)	pH
Uttarakhand	UTTARKASHI	BAGIRATHI AT GANGOTRI	10.4	1	1.8	1.8	7.4
	RUDRAPRAYAG	MANDAKINI B/C ALAKNANDA, RUDRAPRAYAG	9.6	1	1.8	1.8	7.7
	RUDRAPRAYAG	ALAKNANDA B/C MANDAKINI, RUDDRA PRAYAG	9.6	1	1.8	1.8	7.9

RUDRAPRAYAG	ALKANANDA A/C MANDAKINI, RUDRAPRAYAG	10	1	1.8	1.8	7.8
TEHRI GARHWAL	BHAGIRATHI B/C ALAKNANDA, DEVPRAYAG	9.8	1	1.8	1.8	7.5
TEHRI GARHWAL	ALAKNANDA B/C BHAGIRATHI, DEVPRAYAG	9.8	1	1.8	1.8	7.9
TEHRI GARHWAL	ALAKNANDA A/C BHAGIRATHI, DEVPRAYAG	10	1	1.8	1.8	7.8
PAURI GARHWAL	GANGA AT SWARG ASHRAM-1	9.6	1.1	21	1.8	7.6
PAURI GARHWAL	U/S RISHIKESH	10	1	14	1.8	7.7
DEHRADUN	GANGA AT LAKKAR GHAT- OXIDATION PONDS	9.4	1.3	25.5	1.8	7.7
DEHRADUN	RISHIKESH D/S	9.6	1	17	1.8	7.7
DEHRADUN	A/C SONG NEAR SATYANARAYAN TEMPLE, D/S RAIWALA	9.4	1.4	63	1.8	7.8
HARIDWAR	HAR-KI- PAURI GHAT	9.6	1.2	40	1.8	7.9
HARIDWAR	HARIDWAR D/S	9.2	1.4	84	1.8	7.8
HARIDWAR	GANGA AT JAGITPUR	9.2	1.4	70	1.8	7.8
HARIDWAR	ROORKEE D/S	9.2	1.4	63	1.8	7.5
BIJNOR	MADHYA GANGA BARRAGE (BIJNOR)	8.6	1.2	790	1.8	8
HAPUR	U/S BRIJGHAT, GARHMUKTESHWAR	9.4	1.2	220	110	7.4
PRAYAGRAJ	BRIJGHAT D/S, GHARMUKTESHWAR	9.1	2	350	160	7.4
ANOOPSHAHAR	U/S ANOOPSHAHAR	8.1	1.7	430		7.1
ANOOPSHAHAR	ANOOPSHAHAR D/S	8.1	1.8	540	430	7.2
BULANDSHAHR	NARORA (BULANDSAHAR)	8.1	1.7	700		7.2

Uttar Pradesh

BADAUN	KACHHLA GHAT (ALIGARH)	9	1.2	230	1.8	7.4
FARRUKABAD	FARRUKHABAD	8.1	1.9	930	1.8	8.4
KANNAUJ	U/S KANNAUJ (RAIGHAT)	8.2	2.9	1400	1.8	8.3
KANNAUJ	KANNAUJ D/S	8.2	3	1700	1.8	8.2
KANPUR	BITHOOR (KANPUR)	8.3	3.1	1550	40	8.4
KANPUR	U/S KANPUR (RANIGHAT)	8.1	3.3	2100	15.5	8.3
KANPUR	U/s SHUKLAGANI /BATHING GHAT (BHARAOGHAT)	8.2	3.2	2100	45	8.4
KANPUR	SHUKLAGANI D/S	7.9	3.5	2700	20	8.3
KANPUR	BATHING GHAT (GOLA GHAT)	7.8	3.6	3500	1.8	8.2
KANPUR	BATHING GHAT (JAIMAU BRIDGE)	7.6	3.9	6800	20	8.2
KANPUR	KANPUR D/S (JAIMAU PUMPING STATION)/JANE VILL.	7.5	4.2	9800	1.8	8.2
RAEBARELI	DALMAU (RAI BAREILLY)	8	4.1	1700	20	8.2
PRATAPGARH	KALA KANKAR (PRATAPGARH)	8.2	4	1600	20	8.1
KAUSHAMABI	KADAGHAT (PRAYAGRAJ)	8.4	2.7	830		8.2
PRAYAGRAJ	PRAYAGRAJ (RASOOLABAD)	8.6	2.8	930		8.2
PRAYAGRAJ	PRAYAGRAJ D/S (SANGAM)	8.3	2.7	930		8.2
PRAYAGRAJ	A/C TAMAS RIVER (SIRSA)	8.4	2.7	785		8.2
MIRZAPUR	U/S, VINDHYACHAL (MIRZAPUR)	8.2	2.4	850	900	8.3
MIRZAPUR	D/S, MIRZAPUR	7.6	3.7	11000	7000	8.3
MIRZAPUR	CHUNAR	8	3.2	7000	5000	8.4

VARANASI	U/S VARANASI (VISHWASUNDARI BRIDGE)	8.5	2.3	800	850	8.3
VARANASI	VARANASI D/S (MALVIYA BRIDGE)	7.6	3.7	11000	7000	8.1
GHAZIPUR	A/C GOMTI RIVER (BHUSAULA)	8.2	3.2	7000	4600	8.3
GHAZIPUR	TARIGHAT (GHAZIPUR)	7.4	3.9	13000	9000	8.2
BUXAR	BUXAR, CHAUSA KARMNASA	8.5	1.5	23000	220	8
BUXAR	U/S JAIL GHAT, BUXAR (A/C THORA RIVER)	8.1	1.4	44500	640	7.9
BUXAR	BUXAR, RAMREKHAGHAT	7.9	1.7	160000	1300	7.8
BUXAR	BUXAR D/S, NEAR GANGA BRIDGE	7.4	1.8	92000	1400	7.7
SARAN	ARRAH-CHAPRA ROAD BRIDGE, U/S DORIGANI	8	1.4	12000	89	7.8
SARAN	C/F OF SONE RIVER AT DORIGANI, CHAPRA	7.6	1.8	26000	300	7.9
SARAN	MAA AMBIKA ASTHAN, DORIGANI D/S (SARAN)	7.7	1.5	24000	400	7.8
PATNA	DANAPUR, NEAR PIPAPUL	8.4	1.7	3300	490	7.9
PATNA	KURJI AT DIGHA GHAT, U/S PATNA	7.9	1.6	35000	1300	7.9
PATNA	NIT GHANDHI GHAT (PATNA)	6.5	2.4	160000	4450	7.8
PATNA	GULBI GHAT (PATNA)	6.8	2.4	160000	5400	7.6
PATNA	PATNA D/S (GANGA BRIDGE)	7.3	2.1	92000	2600	7.8
PATNA	MALSALAMI (PATNA)	8.2	1.7	54000	2050	8
PATNA	GANGA AT KACHCHI-DARGAH-BIDUPUR ROAD BRIDGE, PATNA	7.8	1.6	35000	790	7.9
PATNA	TRIVENI GHAT, B/c OF RIVER PUNPUN	7.1	2	35000	945	7.9

	PATNA	FATUHA, A/c OF RIVER PUNPUN	6	2.6	92000	2400	7.8
	PATNA	BAKHYIYARPUR-TAJPUR BRIDGE ON GANGA, ATHMAGOLA, PATNA	8.1	1.4	12500	155	7.8
	PATNA	BARH, NEAR UMANATH TEMPLE	7.6	1.6	29500	280	7.8
	PATNA	NAWADAGHAT D/S (WATER INTAKE OF NTPC) BARH	8.6	1.7	35000	170	7.9
	PATNA	U/S BARAHPUR BINDTOLI	7.8	1.8	35000	490	7.9
	PATNA	U/S MOKAMA	8.2	1.9	39000	165	7.8
	PATNA	MOKAMA D/S (D/S RAJENDRA BRIDGE)	8	1.9	15000	170	7.8
	BEGUSARAI	BARAHIA	7.6	1.7	34000	110	7.8
	MUNGER	U/S MUNGER	8.5	1.7	54000	101.5	7.8
	MUNGER	MUNGER	8.1	1.8	35000	110	7.8
	BHAGALPUR	U/S SULTANGANI	8.3	1.7	92000	110	7.7
	BHAGALPUR	SULTANGANI (BHAGALPUR)	8	2.1	54000	170	7.8
	BHAGALPUR	WATER INTAKE POINT, BHAGALPUR	7.1	2.3	92000	270	7.6
	BHAGALPUR	CHAMPANAGAR	7.6	1.6	31500	135	7.9
	BHAGALPUR	BHAGALPUR	7.8	1.7	35000	195	7.8
	BHAGALPUR	U/S BHAGALPUR	6.6	2.5	160000	595	7.6
	BHAGALPUR	KHALGAON	7.9	1.9	92000	330	7.8
	BHAGALPUR	KHALGAON D/S, NEAR CREMATION GHAT	7.6	1.9	54000	130	7.7
Jharkhand	SAHIBGANI	U/S NEARA LCT GHAT	6.9	1.4			7.5
	SAHIBGANI	NEAR JANTA GHAT D/S	6.9	1.4			7.6
	SAHIBGANI	RAJMAHAL	7.1	1.4			7.5
	SAHIBGANI	SANGI DALAN	7	1.4			7.6

West Bengal	MURSHIDABAD	KHAGRA, BEHARAMPORE	7.1	2.4	23000	790	7.9
	MURSHIDABAD	BEHARAMPORE	7	2.6	79000	1300	8
	MURSHIDABAD	GORABAZAR, BEHARAMPORE	6.6	2.1	33000	945	7.9
	NADIA	NABADIP, GHOSH PARA NEAR MONIPURGHAT	6.8	2.5	14000	330	7.9
	HOOGHLY	TRIBENI, NEAR BURNING GHAT	7.5	3	9700	415	7.9
	NORTH 24 PARGAS	SHITALATALA, PALTA	5.6	3.8	130000	1700	7.7
	NORTH 24 PARGAS	PALTA	5.7	2.5	49000	940	7.9
	HOOGHLY	SERAMPORE	6.2	2.4	79000	790	7.9
	NORTH 24 PARGAS	DAKSHINESHWAR	5.5	2.7	79000	250	7.5
	KOLKATA	GARDEN REACH	5.5	2.6	70000	220	7.4
	KOLKATA	SHIVPUR (HOWRAH)	5.3	2.5	46000	170	7.5
	HOWRAH	ULUBERIA	5.2	2.4	23000	130	7.4
	SOUTH 24 PARGAS	DIAMOND HARBOUR	5.6	2.3	4500	45	7.4
	PURBA MEDINIPUR	GANGA AT PATIKALI NEAR DURGA CHAK	6	1.9	9400	140	7.3

Water quality data of river Ganga – 2022

State name	District name	Station name	DO (mg/l)	BOD (mg/l)	FC (MPN/100ml)	FS (MPN/100ml)	pH
Uttarakhand	UTTARKASHI	BAGIRATHI AT GANGOTRI	10.2	1	1.8	1.8	7.3
	RUDRAPRAYAG	MANDAKINI B/C ALAKNANDA, RUDRAPRAYAG	10.2	1	1.8	1.8	7.4
	RUDRAPRAYAG	ALAKNANDA B/C MANDAKINI, RUDRA PRAYAG	10.2	1	1.8	1.8	7.4
	RUDRAPRAYAG	ALKANANDA A/C MANDAKINI, RUDRAPRAYAG	10.2	1	1.8	1.8	7.4

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Uttar Pradesh	TEHRI GARHWAL	BHAGIRATHI B/C ALAKNANDA, DEVPRAYAG	10.2	1	1.8	1.8	7.4
	TEHRI GARHWAL	ALAKNANDA B/C BHAGIRATHI, DEVPRAYAG	10	1	1.8	1.8	7.4
	TEHRI GARHWAL	ALAKNANDA A/C BHAGIRATHI, DEVPRAYAG	10.2	1	1.8	1.8	7.5
	PAURI GARHWAL	GANGA AT SWARG ASHRAM-1	9.7	1	18.5	1.8	7.5
	PAURI GARHWAL	U/S RISHIKESH	10	1	12	1.8	7.4
	DEHRADUN	GANGA AT LAKKAR GHAT-OXIDATION PONDS	9.3	1.2	21	1.8	7.5
	DEHRADUN	RISHIKESH D/S	9.8	1	21	1.8	7.4
	DEHRADUN	A/C SONG NEAR SATYANARAYAN TEMPLE, D/S RAIWALA	9.2	1.4	41	1.8	7.6
	HARIDWAR	HAR-KI-PAURI GHAT	9	1.6	41	1.4	7.7
	HARIDWAR	HARIDWAR D/S	8.8	1.9	49	2.2	7.9
	HARIDWAR	GANGA AT JAGTIIPUR	8.7	1.5	58	26.5	8
	HARIDWAR	ROORKEE D/S	8.2	1.6	48	20	7.7
	BUNOR	MADHYA GANGA BARRAGE (BUNOR)	8.9	1.2	790	1.8	7.8
	HAPUR	U/S BRUGHAT, GARHMUKTESHWAR	9.9	1.1	240	7.9	7.4
	PRAYAGRAJ	BRUGHAT D/S, GHARMUKTESHWAR	9.4	2.1	540	150	7.4
	ANOOPSHAHAR	U/S ANOOPSHAHAR	9.2	2.2	230		7.2
	ANOOPSHAHAR	ANOOPSHAHAR D/S	9	1.9	350		7.2
	BULANDSHAHR	NARORA (BULANDSAHAR)	8.7	1.9	540		7.2
	BADAUN	KACHHLA GHAT (ALIGARH)	9.8	1.3	220	1.8	7.4
	FARRUKABAD	FARRUKHABAD	8.1	3	1100	1.8	8.4
KANNAUJ	U/S KANNAUJ (RAJGHAT)	7.8	3.4	1700	1.8	8.4	
KANNAUJ	KANNAUJ D/S	7.5	3.7	2100	1.8	8.3	
KANPUR	BITHOOR (KANPUR)	8.1	3.4	2100	30	8.4	
KANPUR	U/S KANPUR (RANIGHAT)	8.1	3.6	2200	20	8.4	
KANPUR	U/s SHUKLAGANJ/BATHING GHAT (BHARAOGHAT)	8.2	3.7	2200	46	8.4	

KANPUR	SHUKLAGANJ D/S	8.3	3.9	2500	21	8.4
KANPUR	BATHING GHAT (GOLA GHAT)	7.6	4.2	2200	1.8	8.4
KANPUR	BATHING GHAT (JAJMAU BRIDGE)	7.6	4.3	3300	20	8.3
KANPUR	KANPUR D/S (JAJMAU PUMPING STATION)/JANE VILL.	7.2	4.6	5600	1.8	8.3
RAEBARELI	DALMAU (RAI BAREILLY)	7.5	4	1700	10.5	8.2
PRATAPGARH	KALA KANKAR (PRATAPGARH)	7.9	3.9	1700	19.5	8.2
KAUSHAMABI	KADAGHAT (PRAYAGRAJ)	8.3	2.8	610		8.1
PRAYAGRAJ	PRAYAGRAJ (RASOOLABAD)	8.2	2.8	680		8.2
PRAYAGRAJ	PRAYAGRAJ D/S (SANGAM)	8.1	2.8	910		8.1
PRAYAGRAJ	A/C TAMAS RIVER (SIRSA)	8.4	2.7	680		8.2
MIRZAPUR	U/S, VINDHYACHAL (MIRZAPUR)	8.2	2.7	1100	815	8.4
MIRZAPUR	D/S, MIRZAPUR	7.4	4	11500	7450	8.2
MIRZAPUR	CHUNAR	7.9	3.3	7850	5250	8.3
VARANASI	U/S VARANASI (ASSIGHAT)	8.2	2.5	920	645	8.3
VARANASI	VARANASI D/S (MALVIYA BRIDGE)	7.4	3.8	11000	7900	8.1
GHAZIPUR	A/C GOMTI RIVER (BHUSAULA)	7.8	3.3	7850	6050	8.2
GHAZIPUR	TARIGHAT (GHAZIPUR)	7.1	4	13000	9150	8.1
BUXAR	BUXAR, CHAUSA KARMNASA	9	1.2	17000	220	7.8
BUXAR	U/S JAIL GHAT, BUXAR (A/C THORA RIVER)	8.7	1	17000	270	7.9
BUXAR	BUXAR, RAMREKHAGHAT	8.4	1.8	35000	790	7.7
BUXAR	BUXAR D/S, NEAR GANGA BRIDGE	8.1	1.7	92000	490	7.8
SARAN	ARRAH-CHAPRA ROAD BRIDGE, U/S DORIGANJ	8.2	1.4	680	14	7.6
SARAN	C/F OF SONE RIVER AT DORIGANJ, CHAPRA	7.6	1.9	22000	170	7.7
SARAN	MAA AMBIKA ASTHAN, DORIGANJ D/S (SARAN)	7.8	1.7	28000	170	7.7
PATNA	DANAPUR, NEAR PIPAPUL	8.1	1.5	22000	270	7.9
PATNA	KURJI AT DIGHA GHAT, U/S PATNA	8.1	1.7	23000	220	7.9
PATNA	NIT GHANDHI GHAT (PATNA)	7.6	1.9	111000	3150	7.8

Bihar

	PATNA	GULBI GHAT (PATNA)	7.1	2	92000	1200	7.7
	PATNA	PATNA D/S (GANGA BRIDGE)	7.8	1.9	54000	1300	7.7
	PATNA	MALSALAMI (PATNA)	7.8	1.8	35000	350	7.8
	PATNA	GANGA AT KACHCHI-DARGAH-BIDUPUR ROAD BRIDGE, PATNA	7.9	1.7	35000	300	7.8
	PATNA	TRIVENI GHAT, B/c OF RIVER PUNPUN	7.4	1.8	24000	330	7.8
	PATNA	FATUHA, A/c OF RIVER PUNPUN	7.2	2	54000	790	7.8
	PATNA	BAKHYIYARPUR-TAJPUR BRIDGE ON GANGA, ATHMAGOLA, PATNA	8.1	1.2	3300	68	7.7
	PATNA	BARH, NEAR UMANATH TEMPLE	7.8	1.5	26000	195	7.8
	PATNA	NAWADAGHAT D/S (WATER INTAKE OF NTPC) BARH	7.8	1.5	13000	62	7.7
	PATNA	U/S BARAHPUR BINDTOLI	7.6	1.8	23000	99	7.7
	PATNA	U/S MOKAMA	7.8	1.8	24000	170	7.8
	PATNA	MOKAMA D/S (D/S RAJENDRA BRIDGE)	7.7	1.8	5700	20	7.5
	BEGUSARAI	BARAHIA	8	1.8	35000	170	7.8
	MUNGER	U/S MUNGER	7.8	1.7	24000	155	7.7
	MUNGER	MUNGER	7.7	1.8	35000	170	7.7
	BHAGALPUR	U/S SULTANGANJ	8.1	1.7	44500	104	7.7
	BHAGALPUR	SULTANGANJ (BHAGALPUR)	7.8	1.9	54000	220	7.6
	BHAGALPUR	WATER INTAKE POINT, BHAGALPUR	7.4	2	35000	130	7.6
	BHAGALPUR	CHAMPANAGAR	7.9	1.9	3300	68	7.8
	BHAGALPUR	BHAGALPUR	8.2	1.7	28000	110	7.6
	BHAGALPUR	U/S BHAGALPUR	7.1	2.2	35000	265	7.6
	BHAGALPUR	KAHALGAON	8.3	1.7	35000	88	7.8
	BHAGALPUR	KAHALGAON D/S, NEAR CREMATION GHAT	7.9	1.9	35000	94	7.6
Jharkhand	SAHIBGANJ	U/S NEARALCT GHAT	7	1.2			7.5
	SAHIBGANJ	NEAR JANTA GHAT D/S	6.9	1.2			7.5
	SAHIBGANJ	RAJMAHAL	7.2	1.2			7.5
	SAHIBGANJ	SANGI DALAN	7	1.2			7.6
West Bengal	MURSHIDABAD	KHAGRA, BEHARAMPORE	6.8	1.8	2300	200	8
	MURSHIDABAD	BEHARAMPORE	6.7	2.4	79000	1950	8

MURSHIDABAD	GORABAZAR, BEHRAMPORE	6.6	2	20000	790	7.9
NADIA	NABADIP, GHOSH PARA NEAR MONIPURGHAT	6.6	2.7	5550	330	8
HOOGLHY	TRIBENI, NEAR BURNING GHAT	6.9	2.4	7000	460	8
NORTH 24 PARGAS	SHITALATALA, PALTA	6.1	3.4	79000	2200	8
NORTH 24 PARGAS	PALTA	6.4	2.4	32000	1300	8.1
HOOGLHY	SERAMPORE	6.7	2.4	17000	490	8
NORTH 24 PARGAS	DAKSHINESHWAR	5.7	2.9	64000	330	7.3
KOLKATA	GARDEN REACH	5.5	2.9	49000	330	7.5
KOLKATA	SHIVPUR (HOWRAH)	5.6	2.7	47500	275	7.5
HOWRAH	ULUBERIA	5.6	2.6	21000	130	7.5
SOUTH 24 PARGAS	DIAMOND HARBOUR	6.5	2.8	4500	42.5	7.4
PURBA MEDINIPUR	GANGA AT PATIKALI NEAR DURGA CHAK	6.1	1.7	14000	210	7.8

Annexure-III

Status of Sewage Management (Based on Monitoring of STPs) for April-July, 2023

State	Approx. Sewage Generation in Ganga front towns (MLD) (2017-18)	Towns covered by STPs	Total STPs monitored	Installed capacity of monitored STP (MLD)	Operational Capacity (MLD)	Utilized Capacity (MLD)	Non-operational	Non-operational Capacity (MLD)	Complying w.r.t. MoEF&CC	Non-complying w.r.t. MoEF&CC	
											(A)
Uttarakhand	239.8	18	53	341.3	49	341.0	268.6	4	0.3	10	39
Uttar Pradesh	1255.2	14	39	1286.96	36	1285.92	1054.1	3	1.04	10	26
Bihar	480.0	4	7	224.5	6	164.5	92.6	1	60.0	2	4
Jharkhand	12.0	2	3	15.5	3	15.5	7.5	0	0.0	3	0
West Bengal	1571.5	29	42	693.5	25	380.4	203.5	17	313.1	13	12
TOTAL	3558.5	67	144	2561.7	119	2187.3	1626.3	25	374.4	38	81

Compliance compared with MoEF&CC notification dt. 13.10.2017 : Standard for treated sewage from STPs for cities other than metro cities, state capitals and union territories were notified as pH-6.5-9.0, BOD as 30mg/L, Total suspended solids (TSS) as less than 100mg/L and Faecal coliform as less than 1000MPN per 100mL

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Status of Industrial Effluent Management

State wise compliance status of 3186 Grossly Polluting Industries (GPIs) inspected in 2022-23

State	Number of GPIs inspected	Action completed	Operational	Complied	Self-Closed	Non-Complied	Show Cause Notice	Closure
Uttarakhand	67	67	58	48	9	10	10	0
Haryana	1140	1140	940	751	200	189	185	4
Delhi	196	196	157	107	39	50	48	2
Uttar Pradesh	1644	1644	1234	1013	410	221	167	54
Bihar	78	78	59	37	19	22	22	0
Jharkhand	5	5	5	2	0	3	3	0
West Bengal	56	56	48	44	8	4	4	0
Total	3186	3186	2501	2002	685	499	439	60

Compliance Status of Common Effluent Treatment Plants in Ganga Main Stem

S. No	CETP Name /District	Installed Capacity (MLD)	Utilized capacity (MLD)	Type of Units (Operational member Units)	Technology	Latest date of inspection	Compliance status	Discharge to water body	Non-Complying w.r.t to parameters
1.	CETP Jainau Kanpur, UP	36 (09 MLD industrial + 27 MLD sewage)	33.9 MLD	Tannery (387)	UASB	17.05.2023	Non-complying	Irrigation canal (reaching Ganga river through breaches in canal)	BOD-310 mg/l (against norm of 30 mg/l), COD-596 mg/l (against norm of 250 mg/l), Chloride-2106 mg/l (against norm of 1000 mg/l), Total Nitrogen-147 mg/l (against norm of 50 mg/l) and Sulphide-25.4 mg/l (against norm of 2 mg/l).
2.	CETP, Site-II, Unnao, UP	2.15	0.87165 MLD (Av. of May, 2023 logbook)	Tannery (14)	ASP	14.06.2023	Non-complying	Loni Drain	FDS (9208 mg/l) (against 2100 mg/l), Chloride (4016 mg/l) (against 1000 mg/l), BOD (148 mg/l) (against 30 mg/l) & COD (716 mg/l) (against 250 mg/l)
3.	CETP, LTP, Banthar, UP	4.5	1.16445 MLD (Av. of May, 2023 logbook)	Tannery (27)	ASP	13.06.2023	Non-complying	City Jail Drain	FDS (5079 mg/l) (against 2100 mg/l), Chloride (3578 mg/l) (against 1000 mg/l), BOD (75.3 mg/l) (against 30 mg/l) & COD (390 mg/l) (against 250 mg/l)
4.	CETP, Pantnagar (SIDCUL)	4.0	0.45 MLD	Mixed type industries	ASP	17.01.2023	Complying	Kalyani river through drain	-

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US Nagar, UK				(290)	Mixed type industries (Agro based and Engineering) (68)	ASP		16.01.2023	Non-complying	Irrigation on 17 acres of farm land	BOD-49 mg/l (against norm of 30 mg/l), TSS-128 mg/l (against 100 mg/l), FDS-2920 mg/l (against norm of 2100 mg/l) and Fluoride-5.27 mg/l (against norm of 2 mg/l).
5. CETP, Sitarganj US Nagar, UK	4.0	1.2-1.3 MLD				ASP					
6. CETP SIDCUL, Haridwar, UK	9.0	8.3 MLD		Mixed type industries (549)	MBBR & extended aeration system		31.07.2023	Complying	Complying	River Ganga through Sukhi River and Rawli Rao drain	Complying except Fluoride-3 mg/l (against norm of 2 mg/l)
7. CETP, Rooma Kanpur, UP	1.55	588- 596 KLD		Textile (11 operational)	ASP		07.06.2023	Non-complying	Non-complying	UPSIDC drain to irrigation canal (reaching Ganga river through breaches in canal)	FDS-4190 mg/l (against norm of 2100 mg/l)
8. CETP, Pilkhuwa Hapur, UP	2.1	0.93 MLD		Textile (07 operational)	ASP		27.07.2023	Complying	Complying	HPDA drain to river Kali East	-