

Water Quality Of River Varuna in UP
Year 2024

SN	Month	SAMPLING POINT											
		At Rameshwar, varanasi						Varuna Before Meeting River Ganga					
		pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total coliform (MPN/100mL)	Faecal coliform (MPN/100mL)	pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total coliform (MPN/100mL)	Faecal coliform (MPN/100mL)
1	January	8.25	8.20	3.00	10.60	2000	1100	7.56	4.20	6.60	25.40	22000	13000
2	February	8.21	7.80	3.20	11.80	2200	1300	7.51	3.80	7.20	26.60	24000	13000
3	March												
4	April												
5	May												
6	June												
7	July												
8	August												
9	September												
10	October												
11	November												
12	December												
Average		8.23	8.00	3.10	11.20	2100	1200	7.54	4.00	6.90	26.00	23000	13000
Category		D						D					

Class of water		A	B	C	D	E	Below E
1	Dissolved oxygen (mg/l), min	6.0	5.0	4.0	4.0	-	-
2	Biochemical oxygen demand (mg/l), max	2.0	3.0	3.0	-	-	-
3	Total Coliform (MPN/100ml), max	50	500	5000	-	-	-

A = Drinking water source without conventional treatment but after disinfection

B= Outdoor bathing (organised)

C = Drinking water source after conventional treatment and disinfection

D = Propagation of wild life and fisheries.

E = Irrigation, Industrial cooling, controlled waste disposal

Below - E = Not meeting A,B,C,D & E criteria

Source: http://www.cpcb.nic.in/Water_Quality_Criteria.php

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