Water Quality Of River Ganga in UP
Year-2024

S.N.	Month	SAMPLING LOCATION																																													
		1						2						3						4						5						6						7						8					
		U/s Kannauj						D/s Kannauj						Nanaman Ganga Bridge, Lucknow Mohan-Hasanganj-Rasulabaad Marg, Karti Akberpur Seng, Kanpur						Bithoor Kanpur						At Bhairao Ghat (Bathing Ghat), Kanpur						U/s Kanpur						At D/s Shuklaganj, Kanpur						At Gola Ghat (Bathing Ghat), Kanpur					
		pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)
1	January	8.40	9.4	3.1	12.0	2100	1100	8.44	9.2	3.3	12.4	2600	1400	8.46	10.3	3.0	13.2	3300	1600	8.48	10.5	3.1	11.60	3100	1500	8.46	10.1	3.2	12.0	3400	1700	8.38	10.8	2.9	13.2	4300	2100	8.34	10.5	3.0	13.6	4600	2600	8.46	11.7	3.3	14.4	4900	2700
2	February	8.42	11.00	3.4	11.6	2200	1700	8.38	10.60	3.6	12.4	3100	2300	8.23	12.80	3.20	13.60	3400	2700	8.42	10.9	3.0	11.2	3200	2600	8.45	10.60	3.4	12.4	3300	2700	8.44	11.00	3.0	12.8	4600	3300	8.42	10.7	3.2	13.2	4700	3400	8.40	10.5	3.6	14.8	5800	3100
3	March																																															
4	April																																															
5	May																																															
6	June																																															
7	July																																															
8	August																																															
9	September																																															
10	October																																															
11	November																																															
12	December																																															
Average		8.41	10.20	3.25	11.8	2150	1400	8.41	9.90	3.45	12.4	2850	1850	8.35	11.55	3.10	13.4	3350	2150	8.45	10.70	3.05	11.4	3150	2050	8.46	10.35	3.30	12.2	3350	2200	8.41	10.90	3.0	13.0	4450	2700	8.38	10.6	3.1	13.4	4650	3000	8.43	11.1	3.5	14.6	5350	2900
Category		D						D						D						D						D						C						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

Ati
(SA)

(A.S.O)

(C.E.O)

Water Quality Of River Ganga in UP
Year-2024

S.N.	Month	SAMPLING LOCATION																																													
		9						10						11						12						13						14						15						16					
		At Jajmau Bridge (Bathing Ghat), Kanpur						D/S Kanpur						Purana Rajapur, Rajapur, Kanpur						Mata Ganga Bridge, NH-335, Lalganj Road, Raebareli						Dalmau, Raebareli						Kala Kankar, Pratapgarh						At Ganga Bridge, NH-90, Dheemi, Pratapgarh						A/c Pandu river at Madeveshwar Baba Temple Deomai Aht.					
		pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
1	January	8.43	10.8	3.6	14.8	6300	3100	8.41	11.2	4.2	15.80	11000	6300	8.36	10.2	3.6	14.40	7000	4000	7.74	10.1	2.5	17.28	2200	1300	7.91	10.3	2.5	17.28	2200	1300	8.03	10.6	2.3	17.12	2100	1100	8.09	10.2	2.5	17.44	2200	1400	8.15	9.2	2.4	10.0	1500	610
2	February	8.39	10.6	3.8	15.2	7000	4600	8.34	10.4	4.0	16.00	13000	7800	8.41	10.50	3.80	15.20	7900	4900	7.96	12.30	2.30	17.44	1300	700	8.00	12.1	2.2	16.48	1400	920	8.03	12.3	2.0	16.32	1300	920	8.03	12.50	2.00	16.16	1200	540	8.06	11.20	2.40	6.00	1500	610
3	March																																															
4	April																																															
5	May																																															
6	June																																															
7	July																																															
8	August																																															
9	September																																															
10	October																																															
11	November																																															
12	December																																															
Average		8.41	10.7	3.7	15.0	6650	3850	8.38	10.8	4.1	15.90	12000	7050	8.39	10.4	3.7	14.8	7450	4450	7.85	11.2	2.4	17.4	1750	1000	7.96	11.2	2.4	16.9	1800	1110	8.03	11.5	2.2	16.72	1700	1010	8.06	11.4	2.3	16.8	1700	970	8.11	10.2	2.4	8.0	1500	610
Category		D						D						D						C						C						C						C						C					

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

Ati
(SA)

Ruhi
(A.S.O)

(C.E.O)

Water Quality Of River Ganga in UP
Year-2024

S.N.	Month	17						18						19						20						21						22						23					
		Kada Ghat, Kaushambi						U/s Prayagraj (Rasoolabad Ghat)						D/s Prayagraj						B/c Tamsa river, at Prachin Shivalaya Dumduma ghat						a/c Tamsa river, Sirsa, Son Barsa						U/s Vindhyachal, Mirzapur						D/s Mirzapur					
		pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
1	January	8.06	8.9	2.7	8.0	1700	680	8.13	8.9	2.9	10.0	2200	780	8.12	8.8	2.8	10.0	2500	930	8.20	8.9	2.6	8.0	2100	780	8.25	9.1	2.6	10.0	2200	780	8.16	8.5	2.5	8.8	1400	790	7.90	7.7	3.4	13.2	17000	11000
2	February	8.39	11.5	2.8	12.0	2000	680	8.33	9.5	2.7	12.0	2100	680	8.03	11.1	2.6	12.0	2200	780	8.11	12	2.6	12	1300	450	8.08	11.5	2.9	10.0	1500	610	8.27	8.7	2.4	8.2	1200	700	7.88	7.8	3.5	13.8	15000	8400
3	March																																										
4	April																																										
5	May																																										
6	June																																										
7	July																																										
8	August																																										
9	September																																										
10	October																																										
11	November																																										
12	December																																										
Average		8.23	10.2	2.8	10.0	1850	680	8.23	9.2	2.8	11.0	2150	730	8.08	10.0	2.7	11.0	2350	855	8.16	10.5	2.6	10.0	1700	615	8.17	10.3	2.8	10.0	1850	695	8.22	8.6	2.5	8.5	1300	745	7.89	7.8	3.5	13.5	16000	9700
Category		C						C						C						C						C						C						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

Ati
(SA)

Reelq
(A.S.O)

(C.E.O)

Water Quality Of River Ganga in UP
Year-2024

Month	SAMPLING LOCATION																																															
	24						26						26						27						28						29						30						31					
	At Chunnar Pontoon Bridge						U/s Varanasi						D/s Varanasi						B/c Gomti river at Balua Ghat Bridge						A/c Gomti river, Bhusaula						Zamania Ganga Bridge, Zamania						Tarighat D/s Ghazipur						D/s Ballia at Bayesi Ballia Bridge,Ballia					
	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
January	8.07	8.2	3.0	10.8	9400	6300	8.32	8.6	2.4	8.0	1300	780	7.92	7.5	3.6	13.4	15000	8400	7.96	7.8	3.3	12.8	12000	7000	7.99	8.1	3.0	12.2	11000	6300	8.20	8.4	2.8	11.4	7900	4900	7.90	7.4	3.7	13.8	20000	13000	8.22	7.8	3.3	12.8	11000	7000
February	8.17	8.4	3.0	10.6	8400	5800	8.38	8.7	2.3	7.8	1100	680	7.96	7.8	3.5	13.2	14000	7900	8.08	8.2	3.0	12.20	9400	4900	8.15	8.4	2.8	11.8	8400	4600	8.28	8.5	2.7	11.6	7000	3300	7.94	7.5	3.6	13.6	20000	13000	8.2	8.2	3.3	12.8	11000	7000
March																																																
April																																																
May																																																
June																																																
July																																																
August																																																
September																																																
October																																																
November																																																
December																																																
Average	**8.12**	**8.3**	**3.0**	**10.7**	**8900**	**6050**	**8.35**	**8.7**	**2.4**	**7.9**	**1200**	**730**	**7.94**	**7.7**	**3.6**	**13.3**	**14500**	**8150**	**8.02**	**8.0**	**3.2**	**12.5**	**10700**	**5950**	**8.07**	**8.3**	**2.9**	**12.0**	**9700**	**5450**	**8.24**	**8.45**	**2.75**	**11.50**	**7450**	**4100**	**7.92**	**7.5**	**3.7**	**13.7**	**20000**	**13000**	**8.22**	**8.0**	**3.3**	**12.8**	**11000**	**7000**
Category	**D**						**C**						**D**						**D**						**D**						**D**						**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

(SR) (A.S.O) (C.E.O)