Water Quality Of River Ganga in UP
Year-2019

Month	SAMPLING LOCATION																											
	1				2				3				4				5				6				7			
	U/s Kannauj				D/s Kannauj				Bithoor Kanpur				At Bhairao Ghat (Bathing Ghat), Kanpur				U/s Kanpur				At D/s Shuklaganj, Kanpur				At Gola Ghat (Bathing Ghat), Kanpur			
	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
Jan-19	10.6	2.9	3300	2100	10.20	3.4	4600	3300	10.60	2.5	4000	2600	10.40	2.6	4300	2700	10.30	2.7	4600	3100	10.00	2.9	5800	4300	10.10	2.80	4900	3800
Feb-19	10.6	2.4	3400	2100	10.10	2.8	4300	3100	10.00	2.3	3300	2100	9.80	2.4	3900	2400	9.70	2.5	4300	2700	9.50	2.7	5800	4100	9.60	2.60	4600	3800
Mar-19	9.90	2.6	4000	2700	9.20	3.2	4700	3300	10.40	2.5	3400	2200	10.10	2.7	3800	2200	10.0	2.9	4300	3100	9.70	3.1	5400	3400	9.80	3.00	4800	3000
Apr-19	7.90	2.8	3900	2500	7.70	3.2	4800	2700	7.50	4.0	3300	2100	7.70	3.6	4000	2500	7.90	3.8	3900	2400	8.70	4.4	7000	4300	8.20	4.60	6300	3600
May-19	6.80	3.4	4100	2500	6.40	4.2	4600	3100	7.40	4.4	3800	2200	7.50	3.8	3200	2000	7.20	4.0	4300	2500	7.50	4.4	5800	4300	7.30	4.60	6300	4100
Jun-19	6.40	3.2	4600	2600	6.00	3.8	5800	3200	6.10	4.0	5800	3300	6.30	3.4	3900	2200	6.50	3.6	4300	2600	6.20	4.2	5400	3900	6.00	4.40	6300	4100
Jul-19	9.80	2.8	3400	2100	9.10	3.2	4800	2600	8.00	3.2	4700	3400	6.80	3.4	4900	3300	7.00	3.6	5800	3400	6.60	4.0	7000	4300	5.60	4.60	7900	4800
Aug-19	6.60	2.8	3300	1700	6.20	3.0	4000	2500	6.10	2.8	4100	2600	5.70	3.2	4600	2700	5.80	3.0	4800	3100	5.40	3.2	5800	3300	5.60	3.80	4600	3200
Sep-19	7.00	2.6	3400	1300	6.70	3.2	4300	1700	6.30	2.8	4100	1400	6.10	3.0	4300	2000	6.50	2.9	3900	1700	6.30	3.1	4600	2000	6.00	3.30	4800	2600
Oct-19	8.10	3.3	3800	1700	7.90	3.6	4300	2200	6.80	3.2	4700	2000	6.50	3.4	4100	2100	6.60	3.3	4300	2600	6.50	3.5	4900	3200	6.20	4.20	5400	2300
Nov-19	8.40	2.8	4300	2200	8.3	3.0	4600	2500	7.50	2.7	3900	1700	7.60	2.6	4300	2200.0	7.80	2.5	4700	2100	7.60	2.7	5400	3100	7.20	2.9	6300	3100
Dec-19	9.80	2.8	4300	1700	9.60	3.0	4700	2400	9.80	2.8	4100	1700	9.70	3.1	4300	2100	10.10	2.7	4100	1700	9.90	2.9	4700	2200	9.10	3.80	13000	5400
Average	**8.5**	**2.9**	**3817**	**2100**	**8.1**	**3.3**	**4625**	**2717**	**8.0**	**3.1**	**4100**	**2275**	**7.9**	**3.1**	**4133**	**2367**	**8.0**	**3.1**	**4442**	**2583**	**7.8**	**3.4**	**5633**	**3533**	**7.56**	**3.72**	**6266.7**	**3650**
Category	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

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Water Quality Of River Ganga in UP
Year-2019

Month	SAMPLING LOCATION																											
	8				9				10				11				12				13				14			
	At Jajmau Bridge (Bathing Ghat), Kanpur				D/S Kanpur				Dalmau, Raibareli				Kala Kankar, Pratapgarh				Kada Ghat, Kaushambi				U/s Prayagraj (Rasoolabad Ghat)				D/s Prayagraj			
	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
Jan-19	9.5	3.0	7900	5800	9.10	3.3	34000	28000	10.2	3.1	3100	2800	9.2	3.5	3300	2800	10.8	3.7	20000	11000	11.9	3.0	17000	9300	10.9	2.8	20000	11000
Feb-19	9.50	2.8	7000	4800	9.20	3.2	28000	17000	10.4	2.8	3300	2600	10.8	2.7	3100	2600	10.1	3.9	21000	11000	10.4	3.1	14000	7800	9.8	3.4	17000	9300
Mar-19	9.60	3.2	8400	4300	9.40	3.4	31000	22000	10.60	3.3	3200	2700	10.9	3.2	3100	2700	8.3	3.2	26000	13000	8.7	3.0	16000	9200	8.3	3.3	20000	11000
Apr-19	8.70	5.4	9400	5400	7.70	5.6	46000	32000	9.90	3.7	3400	2500	11.0	3.5	3300	2400	7.60	3.2	24000	14000	8.0	2.8	17000	7000	8.10	2.9	21000	11000
May-19	7.00	5.2	8400	4700	6.50	5.5	54000	34000	7.00	4.1	4100	3500	7.2	3.9	3900	3400	7.30	3.3	26000	13000	7.8	3.2	22000	7800	7.50	3.3	20000	11000
Jun-19	5.70	4.8	9400	4900	5.30	5.4	33000	21000	7.80	4.0	3900	3600	7.9	3.9	3800	3400	7.90	3.1	27000	13000	8.1	2.9	20000	11000	7.80	3.0	22000	11000
Jul-19	6.30	4.8	12000	7000	4.60	5.8	38000	22000	7.70	4.0	3800	3100	6.90	4.1	4000	3200	8.10	3.0	21000	11000	8.2	2.8	24000	14000	8.00	2.7	27000	13000
Aug-19	5.60	3.6	26000	17000	5.30	3.8	40000	22000	7.50	3.6	3900	3100	7.40	3.7	3800	3100	7.20	2.8	17000	7800	7.3	2.5	20000	7800	7.20	2.4	21000	7900
Sep-19	5.60	3.6	33000	15000	5.80	3.4	39000	17000	7.20	3.8	3900	2900	7.30	3.6	3800	2700	6.90	2.0	14000	6300	7.4	2.1	17000	7900	7.10	2.0	14000	6800
Oct-19	6.40	4.6	39000	17000	6.10	5.0	43000	21000	7.50	3.8	3500	2700	7.40	3.9	3800	2900	7.30	2.6	22000	11000	7.5	2.5	20000	11000	6.80	2.3	17000	7800
Nov-19	7.60	2.8	46000	25000	5.80	4.00	58000	26000	7.9	3.7	3600	2800	8.0	3.6	3500	2700	8.3	2.8	15000	7000	8.6	2.7	17000	7800	8.1	2.6	14000	6800
Dec-19	9.40	4.0	54000	22000	9.00	4.4	63000	35000	10.0	3.9	3800	2900	10.2	3.8	3500	2500	11.5	3.3	11000	4600	12.2	2.8	9400	4300	11.5	2.6	8400	3300
Average	**7.6**	**4.0**	**21708**	**11075**	**7.0**	**4.4**	**42250**	**24750**	**8.6**	**3.7**	**3625**	**2933**	**8.7**	**3.6**	**3575**	**2867**	**8.4**	**3.1**	**20333**	**10225**	**8.8**	**2.8**	**17783**	**8742**	**8.4**	**2.8**	**18450**	**9158.3**
Category	D				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

2/1/01

Water Quality Of River Ganga in UP
Year- 2019

Month	SAMPLING LOCATION																															
	15				16				17				18				19				20				21				22			
	a/c Tamsa river, Sirsa, Son Barsa				U/s Vindhyachal, Mirzapur				D/s Mirzapur				At Chunnar Pontoon Bridge				U/s Varanasi				D/s Varanasi				Tarighat D/s Ghazipur				a/c Gomti river, Bhusaula			
	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	FaecalColiform (MPN/100ml)
Jan-19	10.6	2.5	14000	7800	8.80	2.7	1300	800	7.50	3.7	14000	8000	8.60	3.00	11000	5000	8.90	2.2	1300	800	6.70	4.1	43000	23000	7.40	3.9	22000	14000	8.50	3.20	17000	11000
Feb-19	9.60	2.7	13000	6800	9.20	2.4	1400	800	8.20	3.3	13000	7000	8.80	2.9	8000	5000	10.0	1.7	1100	500	7.30	3.4	31000	17000	7.60	3.3	23000	13000	9.00	3.0	13000	8000
Mar-19	8.40	2.8	17000	7800	8.80	2.4	1700	800	7.70	3.4	14000	11000	8.60	2.9	11000	7000	8.90	2.4	1400	700	7.20	3.6	31000	23000	7.50	3.6	22000	13000	8.50	3.0	14000	8000
Apr-19	7.80	2.7	15000	7000	8.20	2.8	1400	800	7.30	3.5	17000	11000	7.80	3.1	13000	8000	8.40	2.4	1400	800	7.30	3.6	34000	22000	7.40	3.6	27000	13000	8.20	3.1	14000	7000
May-19	7.60	2.9	17000	9300	8.20	2.6	1700	800	7.70	3.3	14000	8000	8.00	3.0	11000	7000	8.00	2.7	1700	800	7.20	3.6	34000	22000	7.30	3.5	23000	14000	7.90	3.2	13000	8000
Jun-19	7.50	2.8	17000	7800	8.10	2.7	1700	800	7.60	3.5	14000	8000	7.80	3.2	8000	5000	8.40	2.6	1400	800	7.40	3.5	27000	17000	7.50	3.6	21000	11000	8.20	3.1	13000	8000
Jul-19	7:80	2.7	22000	9400	7.40	3.1	2100	1100	7.00	3.8	17000	11000	7.20	3.4	13000	8000	7.90	2.8	2100	1300	7.30	3.8	34000	22000	7.40	3.6	22000	13000	7.50	3.5	13000	8000
Aug-19	7.30	2.3	17000	7000	7.20	3.2	2700	1300	6.70	3.9	17000	8000	6.90	3.8	14000	5000	7.20	3.3	2200	800	6.50	4.2	31000	17000	6.80	3.9	21000	11000	6.90	3.8	13000	5000
Sep-19	7.00	1.8	13000	6800	7.40	3.0	2700	1100	6.70	3.9	21000	8000	7.00	3.6	14000	7000	7.30	3.1	2700	1100	6.60	4.2	34000	14000	6.70	4.0	23000	13000	7.00	3.5	14000	7000
Oct-19	7.40	2.2	14000	6300	7.50	2.8	2600	1300	6.80	3.8	22000	11000	6.90	3.6	13000	8000	7.2	3.2	3400	1700	6.50	4.2	43000	23000	6.60	4.3	31000	17000	6.80	3.8	17000	8000
Nov-19	8.30	2.4	12000	5800	8.50	2.3	2200	800	7.80	3.6	17000	11000	8.10	3.3	11000	7000	7.40	3.0	3100	1700	6.80	4.1	34000	17000	6.50	4.2	27000	13000	7.30	3.4	13000	5000
Dec-19	11.7	2.8	7000	3100	9.20	2.1	1700	800	8.40	3.4	14000	9000	8.80	3.0	8000	5000	8.70	2.3	2100	800	7.90	3.6	17000	11000	7.80	3.5	21000	11000	8.40	3.2	8000	5000
Average	**8.4**	**2.6**	**14833**	**7075**	**8.2**	**2.7**	**1933**	**933**	**7.5**	**3.6**	**16167**	**9250**	**7.9**	**3.2**	**11250**	**6417**	**8.2**	**2.6**	**1992**	**983**	**7.1**	**3.8**	**32750**	**19000**	**7.2**	**3.8**	**23583**	**13000**	**7.9**	**3.3**	**13500**	**7333**
Category	D				C				D				D				C				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.

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21/01