

WATER QUALITY OF RIVER RAMGANGA IN U P
Year -2020

S.N	Month	SAMPLING POINT																							
		U/s Ramganga near Agwanpur, Distt. Moradabad				Moradabad Rampur road bridge, Moradabad				D/s Ramganga, Shahabad Rampur				U/s Ramganga Kapurpur village, Meeranj, bareilly				D/s Ramganga FBD road bridge Shahjahapur				Ramganga at Farrukhabad			
		DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)
1	January	8.8	1.0	1000	-	7.8	5.8	60000	-	8.0	4.6	40000	-	8.5	2.7	17000	-	8.8	2.6	14000	-	9.6	4.0	7900	4300
2	February	9.8	1.2	1000	-	7.2	5.0	10000	-	8.1	5.8	60000	-	8.5	3.2	13000	-	10.3	3.1	12000	-	9.8	4.6	12000	4800
3	March	8.4	2.1	2000	-	2.6	8.8	20000	-	5.8	6.0	50000	-	8.5	2.9	13000	-	10.0	3.0	14000	-	10.6	4.2	7900	4000
4	April	8.7	2.0	4000	-	8.1	12.0	90000	-	7.4	4.0	50000	-	8.8	2.6	14000	-	9.0	2.3	13000	-	8.6	2.6	4900	2800
5	May	7.8	2.4	2200	-	2.6	9.8	30000	-	7.5	5.5	43000	-	8.1	2.6	12000	-	10.3	2.9	14000	-	8.6	2.8	5800	3000
6	June	7.3	2.8	2000	-	2.4	10.4	30000	-	6.8	6.0	43000	-	8.1	3.0	13000	-	8.7	2.6	12000	-	8.2	3.2	8400	3800
7	July	8.4	2.4	2000	-	4.6	9.6	26000	-	6.2	7.0	46000	-	7.8	2.8	12000	-	9.6	2.9	13000	-	7.4	4.0	12000	6300
8	August	8.1	2.0	2000	-	4.6	9.2	30000	-	5.8	6.8	46000	-	7.8	2.9	14000	-	9.6	2.8	13000	-	5.9	4.1	26000	17000
9	September	7.5	2.2	2000	-	5.4	7.4	44000	-	4.2	9.2	37000	-	7.2	3.1	14000	-	8.8	3.0	13000	-	5.9	4.6	22000	13000
10	October	8.4	1.4	2000	-	5.0	8.2	28000	-	6.3	6.4	34000	-	8.0	3.1	13000	-	9.8	3.0	14000	-	8.3	5.0	26000	17000
11	November	8.8	1.2	1000	-	5.2	8.2	31000	-	6.6	6.4	27000	-	8.2	2.9	14000	-	8.3	2.8	13000	-	9.7	4.7	17000	9400
12	December	7.4	8.9	900	-	5.6	8.4	31000	-	6.5	7.2	33000	-	7.5	8.7	14000	-	10.5	3.0	13000	-	10.3	4.7	22000	15000
Average		8.3	2.5	1842	-	5.1	8.6	35833	-	6.6	6.2	42417	-	8.1	3.4	13583	-	9.5	2.8	13167	-	8.6	4.0	14325	8367
Category		C				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

Rede
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(A.S.O)