

# WATER QUALITY OF RIVER RAMGANGA IN U P Year -2022

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, MeerGANj, bareilly					D/s Ramganga FBD road bridge Shahjhapur					Ramganga at Farrukhabad										
		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)	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)	pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)						
1	January	-	8.4	2.0	16.0	700	-	-	4.3	7.0	24.0	13000	-	-	4.5	7.4	32.0	11000	-	-	8.0	3.2	24.0	14000	-	-	9.2	3.0	20.0	11000	-	-	8.4	4.2	16.8	14000	3900
2	February	-	7.8	2.2	16.0	700	-	-	3.8	8.0	32.0	15000	-	-	4.0	7.6	32.0	15000	-	-	8.5	3.1	20.0	13000	-	-	9.5	2.9	16.0	8400	-	-	10.2	4.2	17.0	15000	3500
3	March	7.5	8.5	2.2	20.0	700	-	7.3	3.1	7.6	24.0	11000	-	7.2	3.9	7.4	28.0	7000	-	7.6	8.2	3.1	24.0	13000	-	7.4	9.0	2.9	20.0	11000	-	8.49	9.0	4.4	16.4	13000	3500
4	April	7.2	8.2	4.6	16.0	900	-	7.7	3.6	7.2	28.0	17000	-	7.5	4.0	7.0	24.0	11000	-	7.5	8.3	3.2	24.0	14000	-	7.5	9.2	3.0	16.0	12000	-	8.43	9.3	4.5	10.2	14000	4900
5	May	7.2	8.5	2.0	16.0	700	-	7.5	4.1	7.6	32.0	13000	-	7.6	4.5	7.0	24.0	7000	-	7.6	7.7	3.2	28.0	14000	-	7.5	8.8	3.0	20.0	7900	-	8.45	7.9	4.7	16.4	17000	4700
6	June	7.6	7.8	2.0	16.0	900	-	7.3	4.0	7.8	28.0	17000	-	7.2	4.2	7.6	24.0	13000	-	7.4	6.2	3.0	24.0	14000	9300	7.3	7.7	2.8	16.0	4800	3300	8.46	7.6	5.9	20.0	17000	4700
7	July	7.6	7.9	2.0	16.0	700	-	7.6	4.3	7.2	32.0	19000	-	7.3	4.9	7.0	28.0	13000	-	7.4	6.5	3.2	24.0	14000	9300	7.4	8.1	3.0	16.0	11000	7900	8.32	7.0	5.6	21.0	20000	12000
8	August	7.6	7.8	2.0	16.0	900	500	7.6	4.0	8.0	32.0	23000	9000	7.6	4.6	7.6	24.0	13000	4000	7.4	5.8	3.2	28.0	17000	11000	7.5	8.0	3.1	20.0	9200	7900	8.02	6.8	5.4	21.0	17000	10000
9	September	7.6	6.3	2.2	16.0	930	400	7.32	4.1	8.2	36.0	21000	9300	7.42	3.0	7.8	32.0	15000	6800	7.6	6.4	3.1	28.0	17000	11000	7.5	7.9	2.8	20.0	11000	8400	8.51	6.5	4.0	20.8	13000	7800
10	October	7.3	6.9	2.8	20.0	930	370	7.45	4.6	7.9	32.0	8200	3700	7.50	4.8	7.8	36.0	15000	6800	7.4	7.4	2.7	20.0	11000	7900	7.3	8.6	2.5	16.0	4600	3500	8.41	6.8	4.4	21.0	15000	9400
11	November	7.4	6.9	2.4	16.0	8200	370	7.47	4.5	7.6	28.0	11000	8200	7.40	4.8	7.2	24.0	13000	7800	7.4	7.6	3.0	24.0	13000	7900	7.4	9.3	2.8	18.0	9200	4800	8.42	6.8	4.6	14.0	7900	4900
12	December	7.4	7.9	2.8	20.0	910	370	7.5	5.9	7.8	40.0	15000	9100	7.7	5.8	7.6	30.0	20000	9300	7.24	9.4	2.1	16.0	9200	7900	7.56	9.8	2.6	16.0	4800	3500	8.37	8.4	4.0	14.0	*	*
Average		7.4	7.7	2.4	17.0	1431	-	7.5	4.2	7.7	30.7	15267	7860	7.4	4.4	7.4	28.2	12750	6940	7.5	7.5	3.0	23.7	13600	9186	7.4	8.8	2.9	17.8	8742	5614	8.39	7.9	4.7	17.4	14809	6300
Category		C					D					D					D					D															
Class of water							A	B	C	D					E	Below E																					
1	Disolved 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](http://www.cpcb.nic.in/Water_Quality_Criteria.php)

*Atk*  
*(SA)*

*Vijay Dubey*  
*(A.S.O.)*

*[Signature]*

*98*