

WATER QUALITY OF RIVER RAMGANGA IN U P
Year -2023

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, Meeraganj, bareilly						D/s Ramganga FBD road bridge Shahjahapur						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)	pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)
1	January	7.61	8.1	2.0	18.0	910	370	7.71	5.7	7.2	24.0	15000	9100	7.65	6.3	8.2	36.0	20000	9300	8.00	9.5	2.8	24.0	11000	8400	8.00	10.4	2.6	20.0	7900	4800	8.00	11.2	4.6	15.0	*	*
2	February	7.40	7.8	2.0	12.0	610	400	7.41	6.8	7.0	24.0	21000	14000	7.70	6.0	7.2	32.0	14000	6800	7.80	8.3	2.9	20.0	4800	2700	7.80	9.5	2.7	24.0	4600	2600	8.40	10.2	4.6	15.2	*	*
3	March	7.60	7.9	2.4	16.0	910	400	7.96	6.5	6.8	24.0	21000	14000	7.30	6.3	6.4	32.0	21000	6800	7.80	7.7	2.8	24.0	4600	3500	8.10	9.1	2.9	20.0	4800	3300	8.31	10.0	4.0	13.6	*	*
4	April	7.30	7.6	2.8	20.0	930	450	7.36	3.8	7.6	28.0	13000	6100	7.50	4.0	7.8	20.0	33000	21000	7.90	8.5	2.7	24.0	4800	3500	8.20	8.8	2.8	20.0	4600	3500	8.16	8.8	4.4	14.4	7900	4900
5	May	7.70	7.0	2.2	16.0	1200	450	7.76	4.2	7.8	32.0	14000	6800	7.70	4.0	8.0	36.0	21000	14000	7.80	7.4	2.9	20.0	12000	9200	7.60	8.3	2.8	20.0	7900	6300	8.20	9.7	5.0	14.8	8400	6300
6	June	7.60	7.8	1.8	12.0	1100	610	7.55	5.4	7.2	28.0	17000	11000	7.70	4.6	7.6	32.0	14000	9300	7.60	7.3	2.7	24.0	13000	11000	7.80	8.3	2.8	20.0	6300	4800	8.20	9.1	4.4	14.4	7900	4900
7	July	7.70	7.6	2.0	18.0	910	610	7.58	4.7	7.0	32.0	17000	13000	7.70	5.2	7.2	36.0	21000	13000	7.50	7.6	3.1	24.0	13000	11000	7.60	8.5	2.8	16.0	4800	3500	8.50	8.0	4.5	14.0	7500	4300
8	August	7.60	7.2	2.0	16.0	1100	930	7.65	4.8	7.2	36.0	22000	17000	7.60	5.5	7.0	28.0	33000	21000	7.80	7.3	3.0	24.0	13000	11000	7.80	8.7	2.9	20.0	4800	3500	8.00	5.9	5.8	14.0	7900	4900
9	September	7.66	6.8	3.8	32.0	14000	930	7.60	5.6	7.8	40.0	22000	12000	7.62	5.6	7.6	36.0	24000	14000	7.80	7.3	2.5	16.0	4800	4000	7.50	8.6	2.6	20.0	4600	3300	8.01	5.5	4.5	17.2	17000	10000
10	October	7.65	6.9	2.0	12.0	13000	980	7.54	5.6	6.2	32.0	20000	14000	7.57	5.8	5.6	28.0	27000	11000	7.80	7.7	2.5	20.0	4800	3500	7.80	8.7	2.4	20.0	3200	2600	8.20	6.7	4.7	15.2	8200	5200
11	November	7.71	8.3	1.8	12.0	14000	930	7.67	6.0	4.8	24.0	26000	21000	7.63	6.1	4.4	28.0	17000	11000	7.60	8.8	2.5	20.0	4600	3500	7.80	9.4	2.4	24.0	6300	4800	8.10	8.4	4.5	15.5	8400	6200
12	December	7.62	8.1	1.8	20.0	11000	930	7.61	6.0	4.4	24.0	24000	20000	7.60	6.4	4.4	28.0	24000	20000	8.00	8.8	2.3	16.0	4800	4000	7.60	9.6	2.4	20.0	4800	3500	8.10	9.8	3.8	15.2	13000	4900
	Average	7.60	7.6	2.2	17.0	4973	666	7.62	5.4	6.8	29.0	19333	13167	7.61	5.5	6.8	31.0	22417	13100	7.78	8.0	2.7	21.3	7933	6275	7.80	9.0	2.7	20.3	5383	3875	8.18	8.6	4.6	14.9	9578	5733
	Category	C						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				-	-	-																					

Reet
(S.A)

(A.S.O)

(L.S.O)

- * Auto clve is not working
- 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