

**Water Quality of Rapti River in UP  
Year-2022**

S.No.	Sampling Point	SAMPLING POINT											
		Rapti river Domingarh, Gorakhpur						Rapti river D/s Gorakhpur					
		pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)
1	Jan	-	7.8	3.5	24.0	30000	16000	-	7.2	5.6	32.0	44000	28000
2	Feb	-	8.0	3.2	20.0	28000	14000	-	7.3	5.4	30.0	42000	27000
3	Mar	7.64	7.8	3.4	22.0	30000	16000	7.58	7.1	5.6	32.0	43000	28000
4	Apr	7.60	7.6	3.6	24.0	32000	18000	7.50	7.0	5.8	36.0	44000	22000
5	May	7.59	7.4	3.7	26.0	34000	20000	7.46	6.8	6.0	38.0	46000	23000
6	June	7.56	7.3	3.9	28.0	36000	22000	7.42	6.7	6.2	40.0	48000	24000
7	July	7.68	7.5	3.6	24.0	34000	20000	7.58	7.2	5.8	38.0	46000	22000
8	Aug	7.76	7.6	3.4	22.0	30000	18000	7.66	7.4	5.4	32.0	42000	18000
9	Sep	7.78	7.8	3.2	20.0	28000	16000	7.72	7.5	5.2	30.0	44000	26000
10	Oct	7.80	7.9	3.1	18.0	26000	14000	7.74	7.6	5.0	30.0	42000	25000
11	Nov	7.88	8.0	3.0	16.0	24000	12000	7.78	7.7	4.8	28.0	40000	24000
12	Dec	8.0	8.2	2.8	14.0	22000	11000	7.94	7.8	4.6	24.0	38000	22000
	<b>Average</b>	<b>7.64</b>	<b>7.7</b>	<b>3.4</b>	<b>21.5</b>	<b>29500</b>	<b>16417</b>	<b>7.64</b>	<b>7.3</b>	<b>5.5</b>	<b>32.5</b>	<b>43250</b>	<b>24083</b>
<b>Category</b>		<b>D</b>						<b>D</b>					
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](http://www.cpcb.nic.in/Water_Quality_Criteria.php)

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