

**Water Quality of River Saryu in UP  
Year 2023**

SNo.	Month	Saryu at Ayodhya					
		pH	DO (mg/l)	BOD (mg/l)	COD (mg/l)	Total Coliform (MPN/100 ml)	Feacal Coliform (MPN/100 ml)
1	January	7.79	10.0	2.5	16.8	2400	1300
2	February	7.78	10.2	2.5	16.0	2200	1300
3	March	7.70	10.0	2.8	17.0	2400	1400
4	April	7.81	9.8	3.0	17.1	2800	1700
5	May	7.78	9.6	3.1	17.3	3200	2100
6	June	7.95	9.2	3.2	17.6	3100	2200
7	July	8.37	9.1	3.0	17.3	2800	1800
8	August	8.19	9.0	2.8	17.0	3000	1700
9	September	7.80	8.8	2.9	17.1	3100	2000
10	October	7.90	9.3	2.7	17.0	3200	2100
11	November	8.13	9.5	2.9	17.1	3100	1800
12	December	8.13	9.6	2.8	17.3	2800	1700
<b>Average</b>		<b>7.94</b>	<b>9.5</b>	<b>2.9</b>	<b>17.0</b>	<b>2842</b>	<b>1758</b>
<b>Category</b>		<b>C</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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(S.A)

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*(A.S.P.)*

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