

**Water Quality of River Sai in Uttar Pradesh
Year 2020**

S.N.	Month	Sampling Points																															
		Sai river, Bani, Unnao				Sai river, Sirsaghat, Raibareli				Sai river, Rajghat, Raibareli				Sai river, Picnic spot, Raibareli				Sai river, Gaighat, Raibareli, Pratapgarh				Sai river, Belamai Ghat, Pratapgarh				Sai Nadi, at D/s Stream, Pratapgarh, near				Sai Nadi, Jalalpur, Jaunpur			
		D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	D.O. (mg/l)	B.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)
1	January	8.6	3.6	5800	2600	8.0	4.0	6300	-	7.5	4.5	8100	-	6.9	4.7	8400	-	7.4	4.5	7900	-	7.5	4.4	7700	-	6.6	4.8	8500	-	8.6	3.3	11000	7000
2	February	9.2	3.8	6300	2600	7.8	-	6800	-	7.2	-	8100	-	6.7	-	8600	-	7.7	-	7900	-	7.9	-	7700	-	6.8	-	8600	-	8.4	3.5	13000	8000
3	March	7.9	3.9	4600	3100	7.5	4.2	6300	-	7.0	4.6	8000	-	6.8	4.7	8300	-	8.0	4.0	7600	-	8.1	4.0	7500	-	6.7	4.8	8500	-	8.2	3.6	14000	8000
4	April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	May	7.7	2.7	7000	3900	7.0	4.6	6100	-	6.8	4.2	7600	-	6.6	4.3	7900	-	7.5	3.9	7100	-	7.6	4.0	7000	-	6.9	4.2	7900	-	7.6	3.2	13000	8000
6	June	6.6	3.2	8400	3900	6.8	4.4	6300	-	6.2	4.7	7900	-	6.0	4.8	8100	-	7.0	4.3	7000	-	7.1	4.2	6800	-	6.3	4.6	7700	-	7.4	3.5	14000	8000
7	July	6.1	3.6	8400	3900	6.9	4.3	5400	-	6.2	4.6	7800	-	6.0	4.7	7900	-	6.7	4.4	7300	-	6.9	4.3	6900	-	6.1	4.7	7600	-	6.8	3.8	17000	11000
8	August	6.9	3.2	8800	4300	7.0	4.0	3900	-	6.5	4.4	4700	-	6.2	4.5	4900	-	6.6	4.3	4100	-	6.5	4.4	4300	-	6.0	4.6	5100	-	6.6	3.5	21000	13000
9	September	6.4	3.2	9400	4100	6.7	4.3	3100	-	6.2	4.5	4900	-	6.0	4.7	5100	-	6.5	4.4	3900	-	6.4	4.3	3400	-	5.9	4.8	4900	-	6.2	3.9	21000	11000
10	October	6.1	3.4	9200	4000	7.2	3.9	4100	-	6.0	4.6	6300	-	5.9	4.7	7000	-	6.5	4.5	4900	-	6.7	4.4	4600	-	6.0	4.7	7900	-	7.0	3.8	17000	8000
11	November	6.6	3.5	9400	3900	7.5	4.0	4300	-	6.8	4.8	7900	-	6.7	4.9	7000	-	6.9	4.6	6300	-	7.0	4.5	7000	-	6.8	4.7	7900	-	8.2	3.5	14000	7000
12	December	6.3	3.1	9200	3900	8.0	4.0	6300	-	7.6	4.5	7000	-	7.5	4.7	7900	-	7.7	4.4	7000	-	7.9	4.3	7000	-	7.5	4.6	7900	-	8.4	3.6	13000	8000
	Average	7.1	3.4	7864	3655	7.3	4.2	5355	-	6.7	4.5	7118	-	6.5	4.7	7373	-	7.1	4.3	6455	-	7.2	4.3	6355	-	6.5	4.7	7500	-	7.6	3.6	15273	7000
	Category	D				D				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

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