

**WATER QUALITY CHARACTERISTICS OF KOSI RIVER AT KASHIPUR BAJPUR
ROAD BRIDGE, US NAGAR**

Month	pH	BOD mg/L	COD mg/L	Conductivity	Temp	DO	TDS
2023							
Jan	7.24	1.2	5.0	210	10	8.6	145
Feb	7.88	1.8	6.0	240	12	8.4	171
Mar	7.18	1.4	5.0	230	14	8.4	160
Apr	7.35	1.8	6.0	240	17	8.2	160
May	7.61	2.2	6.0	230	20	7.6	151
June	7.80	2.0	20.0	558	31	7.3	365
July	7.90	2.2	20.0	248	28	7.0	152
Aug	7.50	2.6	16.0	230	28	7.2	131
Sept	7.50	2.8	16.0	211	29	7.0	119
2022							
Jan	7.9	3.1	10	410	8	7	277
Feb	7.20	3.0	9.6	260	22	7.2	174
Mar	7.60	3.2	10	300	25	6.1	210
Apr	7.70	3.0	10	310	28	6.7	210
May	7.50	3.4	12.8	447	28	6.5	300
June	7.30	3.2	11	515	30	6.5	345
July	7.50	3.5	14	506	28	6.8	340
Aug	7.10	6.0	35.5	220	30	6.0	146
Sept	8.10	5.0	23.8	211	28	6.1	139
Oct	8.0	5.2	24	203	25	5.8	135
Nov	8.10	5.2	26	356	24	5.6	236
Dec	7.24	1.6	6.0	230	13	9.2	157
2021							
Jan	7.90	4.0	24	750	14	4.60	503
Feb	7.90	3.0	16	700	23	9.80	472
Mar	7.80	3.20	12	640	25	8.80	428
Apr	7.50	3.50	15	632	24	8.50	388
May	7.20	3.20	12	612	22	8.70	323
June	7.40	3.0	10	618	24.8	9.0	414
July	7.30	6.0	20	710	28	4.50	480
Aug	7.40	4.90	14.30	697	33	6.60	466
Sep	7.5	4.6	13.8	688	32	6.8	460
Oct	7.3	5.50	20	600		5.20	396
Nov	7.1	5	18.5	589		6.1	394.63
Dec	7.40	4.6	16	560	27	6.5	375
2020							
Jan	7.3	4.0	8.0	404	30	6.4	262
Feb	7.46	4.0	25	430	30	5.9	259
Mar	8.3	3	20	200	32	6	123
Apr	7.5	3.5	20	450	32	6.6	298
May	7.8	3.6	24	369	40	5	253
June	8.10	4.6	24	256	36	3.2	370
July	7.9	4	19	420	29	4.2	281
Aug	7.96	4.8	16	390	32	6.7	274
Sep	7.96	4.9	17.3	393	31	6.3	270
Oct	7.9	4.0	20	410	32	4.2	274
Nov	7.8	4.5	21	420	18	4.1	314
Dec	7.3	4.6	20	410	17	4.3	304

