

**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
<b>2022</b>							
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
<b>2021</b>							
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
<b>2020</b>							
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
Average	7.8	4.1	19.5	379.3	29.9	5.2	273.5
Min-Max	(7.3-8.3)	(3-4.9)	(8-25)	(200-450)	(17-40)	(3.2-6.7)	(123-370)
<b>2019</b>							
Jan	7.20	2	4	430	12	8.20	280
Feb	7.60	4	18	390	15	6.2	264
Mar	8.1	12	36	510	24	8.2	267
Apr	7.4	3.4	18	280	30	5.8	286
May	7.6	3.8	22	320	38	6.0	330
June	7.4	3	24	580	38	6.2	275
July	7.6	2	20	429	32	4.6	279
Aug	7.1	2.4	25	210	32	6.2	199
Sep	7.1	3.4	20	278	32	4.60	181

