

**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>2021</b>							
Jan-21	7.90	4.0	24	750	14	4.60	503
Feb-21	7.90	3.0	16	700	23	9.80	472
Mar-21	7.80	3.20	12	640	25	8.80	428
Apr-21	7.50	3.50	15	632	24	8.50	388
May-21	7.20	3.20	12	612	22	8.70	323
June-21	7.40	3.0	10	618	24.8	9.0	414
July-21	7.30	6.0	20	710	28	4.50	480
<b>2020</b>							
Jan-20	7.3	4.0	8.0	404	30	6.4	262
Feb-20	7.46	4.0	25	430	30	5.9	259
Mar-20	8.3	3	20	200	32	6	123
Apr-20	7.5	3.5	20	450	32	6.6	298
May-20	7.8	3.6	24	369	40	5	253
June-20	8.10	4.6	24	256	36	3.2	370
July-20	7.9	4	19	420	29	4.2	281
Aug-20	7.96	4.8	16	390	32	6.7	274
Sept-20	7.96	4.9	17.3	393	31	6.3	270
Oct-20	7.9	4.0	20	410	32	4.2	274
Nov-20	7.8	4.5	21	420	18	4.1	314
Dec-20	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-19	7.20	2	4	430	12	8.20	280
Feb-19	7.60	4	18	390	15	6.2	264
Mar-19	8.1	12	36	510	24	8.2	267
Apr-19	7.4	3.4	18	280	30	5.8	286
May-19	7.6	3.8	22	320	38	6.0	330
June-19	7.4	3	24	580	38	6.2	275
July-19	7.6	2	20	429	32	4.6	279
Aug-19	7.1	2.4	25	210	32	6.2	199
Sep-19	7.1	3.4	20	278	32	4.60	181
Oct-19	7.5	5.0	10.0	261	30	4.8	170
Nov-19	7.1	8.0	30	471	28	3.0	316
Dec-19	7.3	4.6	10	320	12	4.2	215
Average							
Min-Max							
<b>2018</b>							
Jan-18	7.1	4	14.2	310	19.7	7.2	198
Feb-18	7.3	2.2	14	330	22	7.8	220
Mar-18	6.8	6	18	330	28	6.4	222
Apr-18	7.48	14	38	510	26	4	336
May-18	7.3	12	32	430	29	5.2	276
Jun-18	7.3	10	28	330	29	6.4	216
Jul-18	7.4	4	12	340	28	6.8	225
Aug-18	7.2	3.2	10	310	26	7.2	202

<b>Sep-18</b>	6.9	3.4	12	280	26	7.2	184
<b>Oct-18</b>	7.2	3.2	10	270	26	6.8	186
<b>Nov-18</b>	7.1	4.8	12	270	23	6.6	176
<b>Dec-18</b>	7.5	2.4	10	410	16	7.6	260
<b>Average</b>	<b>7.21</b>	<b>5.76</b>	<b>17.51</b>	<b>343.33</b>	<b>24.89</b>	<b>6.6</b>	<b>225.08</b>
<b>Min-Max</b>	<b>(6.8-7.5)</b>	<b>(2.2-12)</b>	<b>(10-38)</b>	<b>(270-510)</b>	<b>(16-29)</b>	<b>(4-7.8)</b>	<b>(176-336)</b>