

**WATER QUALITY CHARACTERISTICS OF RIVER KICHHA (D/S  
NAGARBLLA), KASHIPUR, US NAGAR**

Month	pH	BOD mg/L	COD mg/L	Conductivity µmhos/cm	Temp °C	DO mg/L	TDS mg/L
<b>2025</b>							
Jan	7.53	4.2	32	854	21.7	5.9	512
Feb	7.87	4.5	40	934	24.0	5.6	558
Mar	7.76	4.8	50	750	26.8	5.8	450
Apr	7.94	5.4	70	724	33.2	5.2	434
May	7.89	6.4	74	942	30.2	5.0	565
June	7.87	5.2	48	758	33.5	5.6	455
July	7.81	4.2	38	592	32.5	5.8	356
Aug	8.04	2.8	22	306	28	6.8	184
Sept	7.81	2.4	18	415	31.8	7.0	249
Oct	7.83	3.4	40	511	28.1	6.5	306
Nov	7.87	5.6	50	826	23.5	6.1	496
Dec	7.97	6.2	50	865	20.8	5.6	519
<b>2024</b>							
Jan	7.60	3.2	28.0	385	15	5.8	254
Feb	7.82	3.3	28.0	535	20	5.6	356
Mar	7.79	3.5	36.0	626	22	4.6	411
Apr	7.86	3.8	40.0	706	27	4.4	418
May	6.80	4.9	48.0	648	34	4.0	432
June	7.98	6.2	64.0	964	34	3.6	582
July	7.51	4.8	52	488	34	5.5	295
Aug	7.45	4.2	44	488	35	6	295
Sept	7.35	3.8	32	418	30	6.6	258
Oct	7.72	4	36	502	28	5.8	304
<b>2023</b>							
Jan	7.60	3.8	28.0	376	12	7.0	505
Feb	7.50	5.8	48.0	394	18	6.8	593
Mar	7.40	7.8	56.0	672	22	5.8	464
Apr	7.60	5.8	48.0	588	21	5.6	384
May	7.40	3.0	28.0	328	28	7.0	225
June	7.90	5.0	44.0	522	32	6.3	358
July	7.70	3.0	28.0	334	32	7.0	227
Aug	7.40	3.2	28.0	345	30	6.2	213
Sept	7.60	3.0	24.0	265	30	6.5	183
Oct	7.60	3.0	28.0	324	25	6.4	215
Nov	7.60	3.2	32.0	533	25	6.2	369
<b>2022</b>							
Jan	7.3	5.2	22	940	10	5.6	628
Feb	7.30	5.2	20	970	22	6.0	650
Mar	7.20	7.8	26	730	25	5.0	524
Apr	7.40	7.0	22	800	28	6.1	536
May	7.60	5.8	20	760	28	6.6	510
June	7.20	6.7	22	700	30	6.2	469
July	7.30	5.2	20	680	28	6.5	456
Aug	7.40	12	52.8	300	31	4.3	197
Sept	7.80	14	37.4	342	28	4.6	227

Oct	7.80	13	68	221	25	4.4	145
Nov	7.80	6.2	32	421	24	5.3	279
Dec	7.60	6.0	32.0	470	18	5.2	312
<b>2021</b>							
Jan	8.10	6.90	36	920	15	2.80	750
Feb	8.0	3.60	20	980	26	8.80	723
Mar	8.10	3.40	18	925	23	9.0	620
Apr	8.0	3.10	20	916	24	8.80	612
May	7.90	3.30	21	867	22	8.70	592
June	8.0	3.20	18	840	23.50	9.0	560
July	7.50	4.50	28	1210	28	4.20	920
Aug	7.40	3.90	22	1185	33	4.30	793
Sep	7.4	4.0	20	1052	32	5.2	704
Oct	7.3	7.50	26.80	920		4.10	620
Nov	7.2	6.7	28	1010		4	676.7
Dec	7.30	6.50	22.70	1050	28	5.4	703
<b>2020</b>							
Jan	7.2	6.6	80	565	10	3.4	328
Feb	7.44	7.0	50	530	30	2.4	321
Mar	8.8	8	40	820	32	2.6	482
Apr	7.4	6.0	28	550	35	4	341
May	7.6	10	60	758	39	3.8	490
June	8.0	12	80	440	37	3.0	282
July	8.1	8.2	68.6	410	32	3.0	276
Aug	7.97	4.8	16	334	33	6.9	168
Sep	8.30	3.0	13	310	32	4.10	165
Oct	7.67	4.70	22	470	19	6.10	398
Nov	7.57	4.7	22	470	19	6.10	398
Dec	7.4	4.8	22	450	12	6.0	410
<b>2019</b>							
Jan	7.3	10	28	560	13	6.4	358
Feb	7.6	12	26	580	17	6.4	329
Mar	7.7	6.8	22	620	23	4.4	432
Apr	7.4	8.0	40	480	32	4.2	266
May	7.2	7.2	36	460	36	4.8	428
June	7.4	5	20	510	38	4.2	488
July	6.9	6	20	247	30	4.8	161
Aug	7.2	5.0	20.0	340	30	4.2	178
Sep	7.3	2.0	20	286	30	4.0	186
Oct	7.4	2.6	40	570	30	4.8	371
Nov	7.3	5.0	80	816	24	3.8	547
Dec	7.4	4.0	40	570	12	2.8	371
<b>2018</b>							
Jan	8.10	8	46	580	17	4.80	386
Feb	8	18	66	560	20	4.40	366
Mar	7.42	6	58	690	26	6.60	448
Apr	7.54	38	140	720	21	0.40	469
May	7.6	28	88	570	28	2	378

<b>June</b>	7.4	22	80	550	30	2.6	348
<b>July</b>	7.5	18	70	490	29	3.2	316
<b>Aug</b>	7.7	12	44	430	27	4.6	276
<b>Sep</b>	7.6	10.2	38	410	28	4.4	260
<b>Oct</b>	7.7	12	46	530	25	4	346
<b>Nov</b>	7.4	14.2	46	460	23	4.2	308
<b>Dec</b>	7.8	12	30	530	18	6.2	346
<b>Average</b>	<b>7.65</b>	<b>16.53</b>	<b>62.67</b>	<b>543.33</b>	<b>24.33</b>	<b>3.95</b>	<b>354.64</b>
<b>Min-Max</b>	(7.4-8.10)	(6-38)	(30-140)	(410-720)	(17-30)	(0.40-6.60)	(260-469)