

**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
	2022						
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
2021							
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
2020							
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
2019							
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
2018							
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
June	7.4	22	80	550	30	2.6	348
July	7.5	18	70	490	29	3.2	316
Aug	7.7	12	44	430	27	4.6	276
Sep	7.6	10.2	38	410	28	4.4	260
Oct	7.7	12	46	530	25	4	346
Nov	7.4	14.2	46	460	23	4.2	308
Dec	7.8	12	30	530	18	6.2	346
Average	7.65	16.53	62.67	543.33	24.33	3.95	354.64
Min-Max	(7.4-8.10)	(6-38)	(30-140)	(410-720)	(17-30)	(0.40-6.60)	(260-469)