

WATER QUALITY DATA 2014 | CPCB ENVIS

WATER QUALITY OF RIVER BRAHMANI AND ITS TRIBUTARY STREAMS KOEL, KHARASROTA, AUL, SANKH & KARO

STATION CODE	LOCATIONS	STATE	TEMPERATURE °C			D.O. (mg/l)			pH			CONDUCTIVITY (µmhos/cm)			B.O.D. (mg/l)			NITRATE-N NITRITE-N	
			Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
WATER QUALITY CRITERIA						> 4 mg/l			6.5-8.5						< 3 mg/l				
1037	BRAHMANI AT U/S PANPOSH, ODISHA	ODISHA	14.0	36.0	26.4	6.4	8.6	7.4	7.1	8.2	7.8	131	194	157	0.5	1.4	0.7	0.21	4.74
1038	BRAHMANI AT D/S PANPOSH, ODISHA	ODISHA	8.0	36.0	25.8	5.2	8.4	7.0	7.1	8.2	7.7	166	415	288	3.4	5.5	4.7	0.809	7.56
1302	BRAHMANI AT ROURKELA D/S, ODISHA	ODISHA	8.0	35.0	26.2	6.1	13.5	7.8	7.1	8.3	7.6	164	327	250	2.7	5.0	3.9	0.3	7.25
2414	ROURKELA FDS AT BIRITOLA	ODISHA	18.0	36.0	26.0	6.0	9.3	7.2	7.8	8.4	8.0	126	286	208	1.8	4.5	2.8	0.6	3.3
1039	BRAHMANI AT BONAIGARH, ODISHA	ODISHA	16.0	36.0	26.2	6.4	8.9	7.4	6.9	8.4	7.8	132	254	203	0.5	2.6	1.2	0.708	3.60
1040	BRAHMANI AT RENGALI, ODISHA	ODISHA	15.0	37.0	26.9	6.4	8.5	7.5	7.4	8.4	7.8	110	208	146	0.3	1.6	0.9	0.199	2.30
1041	BRAHMANI AT SAMAL, ODISHA	ODISHA	18.0	36.0	27.0	6.3	8.8	7.5	6.9	8.1	7.5	134	258	169	0.4	2.2	1.0	0.285	2.08
1303	BRAHMANI AT TALCHER U/S, ODISHA	ODISHA	23.0	39.0	30.5	6.6	8.6	7.5	7.4	8.2	8.0	123	190	153	0.6	1.7	1.0	0.1	2.59
2415	TALCHER FU/S (INTAKE WELL OF MCL, TALCHER)	ODISHA	22.0	38.0	29.7	6.2	8.4	7.5	7.8	8.2	7.9	118	180	147	0.4	1.2	0.6	0.1	2.2
2416	TALCHER FD/S	ODISHA	23.0	38.0	29.9	6.7	8.5	7.4	7.6	8.3	8.0	133	226	173	0.5	1.8	1.1	0.2	2.6
1042	BRAHMANI AT KAMALANGA, ODISHA	ODISHA	22.0	38.0	30.3	6.2	8.7	7.5	7.7	8.4	8.0	132	221	172	0.1	2.7	1.5	0.299	2.74
2417	DHENKANAL D/S, DHENKANAL TOWN	ODISHA	25.0	37.0	29.0	5.6	8.7	7.3	7.5	8.2	7.9	145	502	217	0.6	2.6	1.5	0.1	2.9
1043	BRAHMANI AT BHUBAN, ODISHA	ODISHA	20.0	42.0	29.2	6.3	9.6	7.4	7.7	8.4	8.1	110	201	153	0.3	1.4	0.7	0.148	0.79
2418	KABATABANDHA (BEFORE IMPACT OF INDUSTRIAL ACTIVITY IN KALINGANAGAR AREA)	ODISHA	24.0	36.0	28.3	6.4	8.2	7.2	7.6	8.4	8.0	124	248	163	0.2	1.9	0.9	0.2	1.2
1044	BRAHMANI AT DHARMASHALA, ODISHA	ODISHA	6.7	32.0	25.9	6.1	10.9	7.5	7.3	192.0	24.6	121	242	170	0.0	1.8	0.9	0.03	230.1
1045	BRAHMANI AT PATTAMUNDAI, ODISHA	ODISHA	19.0	35.0	28.7	5.5	9.3	7.2	7.2	8.3	7.8	148	241	197	0.7	2.8	1.4	0.235	2.10
2413	KOEL U/S (AFTER CONFLUENCE OF RIVER KARO)	ODISHA	8.0	34.0	24.9	6.4	8.9	7.5	7.1	8.3	7.8	130	240	194	0.3	1.6	0.9	0.2	3.2
2419	KHANDITARA (D/S OF INDUSTRIAL ACTIVITIES AT KALINGA NAGAR)	ODISHA	22.0	33.0	27.0	5.6	8.5	7.1	7.3	8.3	8.1	122	198	163	0.4	1.3	0.9	0.1	2.6
2420	AUL	ODISHA	19.0	35.0	28.6	6.4	8.3	7.2	7.3	8.3	7.8	138	954	261	0.6	2.1	1.2	0.2	10.3