

WATER QUALITY DATA 2013 | CPCB ENVIS

WATER QUALITY OF RIVER MAHANADI & ITS TRIBUTARY SERUA- 2013

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				
1851	MAHANADI AT SIHAWA	CHHATTISGARH	24	37	28.3	8	9.2	8.6	7.4	7.7	7.5	104	415	220	0.9	2.3	1.3	1	2.5
1264	MAHANADI AT RUDRI U/S AT DHAMTORI RESERVOIR,CHHATTISSGARH	CHHATTISGARH	24	37	28.6	7.5	8.2	7.8	7.6	8	7.8	184	452	296	1.8	3	2.4	1.6	3.5
1099	MAHANADI AT U/S OF RAJIM, CHHATTISSGARH.	CHHATTISGARH	22	38	29.1	7.3	8.3	7.8	7.2	7.9	7.6	21	624	334	1.7	3.1	2.2	1.1	2.5
1852	MAHANADI AT ARRANG, RAIPUR	CHHATTISGARH	23	37	28.4	7.5	8.3	7.8	7.5	7.8	7.7	156	554	328	1.6	3.2	2.2	1.2	1
1100	MAHANADI AT KHARAD CHHATTISSGARH.	CHHATTISGARH	20	34	29.2	6.8	7.8	7.3	7.5	8	7.7	174	318	244				1.648	2.6
1282	MAHANADI AT SHEORINARAYAN VILLAGE, CHHATTISSGARH.	CHHATTISGARH	20	32	28.1	5.6	7	6.4	8	8.5	8.1	318	416	352				10.2	15.2
1467	MAHANADI AFTER CONFL. WITH RIVER MAND,CHHATTISSGARH	CHHATTISGARH	20	34	29.1	6.6	8	7.4	7.5	7.8	7.6	187	338	261				1.656	5.3
1101	MAHANADI AT INTERSTATE BOUNDRY CHHATTISSGARH.	CHHATTISGARH	20	30	23.5	7.1	7.6	7.3	7.2	7.6	7.4	208	311	269	0.9	1	1	1.166	2.2
1281	MAHANADI AT HIRAKUD RESERVOIR, ORISSA	ORISSA	20	34	28.2	5.4	8.7	7.2	7.2	8.4	7.9	168	240	202	0.4	2.2	1.1	0.726	1.9
1270	MAHANADI AT SAMBALPUR U/S, ORISSA	ORISSA	21	35	28.4	5.5	8.7	7.5	7.6	8.4	8.1	144	255	206	0.3	3.6	1.3	0.534	1.5
1271	MAHANADI AT SAMBALPUR D/S, ORISSA	ORISSA	20	34	28.9	5.6	7.6	6.8	7.1	8.4	7.9	191	269	241	2.2	4.2	3.1	0.434	3
2405	SAMBHALPUR FDS AT HUMA	ORISSA	20	36	28.3	6.1	8.2	7.2	6.9	8.4	7.9	158	235	203	0.4	2.6	1.8	0.501	1.2
1272	MAHANADI D/S (AFTER CONFL. WITH R. ONG SONEPUR U/S), ORISSA	ORISSA	25	37	29.6	6.4	8.6	7.4	7.7	8.4	8	184	237	215	0.4	1.4	0.9	0.615	2.2
1274	MAHANADI AFTER CONFL. WITH R.TEL (SONEPUR D/S),ORISSA	ORISSA	24	37	29.9	6.6	8.4	7.5	6.5	8.4	7.9	181	286	232	0.7	1.8	1.4	0.332	2.3
1275	MAHANADI AT TIKARPADA, ORISSA	ORISSA	23	34	29.3	6.7	8.4	7.8	7.5	8.4	8	181	250	217	0.3	1.6	0.8	0.321	1.6
1276	MAHANADI AT NARSINGHPUR, ORISSA	ORISSA	25	35	29.7	6.4	8.9	7.6	7.3	8.4	8	166	289	217	0.6	2	1.3	0.258	2.2
1277	MAHANADI AT CUTTACK U/S, ORISSA	ORISSA	24	36	30.4	6.2	8.6	7.6	7.9	8.4	8.2	142	264	201	0.6	1.8	1.1	0.497	1.6
1278	MAHANADI AT CUTTACK D/S, ORISSA	ORISSA	24	35	30.4	6	8.2	7.3	7	8.4	8	169	226	205	1.6	3.1	2.5	0.085	2.0
2409	CUTTACK FDS (SERUA) AT SANKHATRASA	ORISSA	23	34	29	6.9	12.5	7.9	7.6	8.4	8.1	120	226	196	1.8	3.6	2.8	1.467	1.9
2406	MUNDALI(WATER INTAKE POINT OF BHUBANESWAR CITY	ORISSA	23	35	29.2	6	8.6	7.4	7.1	8.2	7.6	144	258	206	0.5	2	0.9	0.222	1.0
2404	POWER CHANNEL D/S NEAR BURLA	ORISSA	23	35	28.5	5.5	7.9	6.8	7.1	8.4	8	185	236	206	0.6	2.3	1.3	0.528	1.2
ESTUARINE ZONE																			
2407	PARADEEP U/S (BEFORE INDUSTRIAL ACTIVITY AT PARADEEP)	ORISSA	23	33	28	6.3	8.6	7.5	7.4	8.4	8	104	8702	1606	0.6	2.1	1.5	0.593	2.2
1639	MAHANADI AT PARADEEPD/S, ORISSA	ORISSA	20	33	26.4	6.2	8.6	7.4	7.6	8.3	8	147	34350	12352	1	2.7	1.7	1.564	2.5