

## WATER QUALITY DATA 2014 | CPCB ENVIS

## WATER QUALITY OF RIVER MAHANADI - 2014

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	23.4	28.5	26.0	7.6	9.2	8.4	7.4	7.8	7.6	175	416	296	0.8	2.2	1.5	0	0
1264	MAHANADI AT RUDRI U/S AT DHAMTORI RESERVOIR,CHHATISSGARH	CHHATTISGARH	23.6	29.0	26.3	6.8	8.5	7.7	7.7	7.9	7.8	210	580	402	1.0	2.8	2.1	0	0
1099	MAHANADI AT U/S OF RAJIM, CHHATISSGARH.	CHHATTISGARH	25.8	34.0	29.3	7.4	7.9	7.7	7.5	7.9	7.7	232	554	326	1.2	2.6	1.7	0	0
1852	MAHANADI AT ARRANG, RAIPUR	CHHATTISGARH	23.8	28.0	25.9	7.6	8.6	8.1	7.5	7.6	7.6	195	551	373	1.2	2.7	2.0	0	0
1100	MAHANADI AT KHARAD CHHATISSGARH.	CHHATTISGARH	23.0	37.0	28.4	6.0	10.4	7.8	7.5	8.0	7.6	264	400	312				0.256	2.52
1282	MAHANADI AT SHEORINARAYAN VILLAGE, CHHATISSGARH.	CHHATTISGARH	23.9	30.0	28.0	6.0	8.0	6.8	8.0	8.0	8.0	270	380	332				0.2	2.03
1467	MAHANADI AFTER CONFL. WITH RIVER MAND,CHHATISSGARH	CHHATTISGARH	23.0	36.0	28.2	7.0	8.5	7.8	7.5	8.0	7.6	264	400	320				0.5	1.5
1101	MAHANADI AT INTERSTATE BOUNDRY CHHATISSGARH.	CHHATTISGARH	20.0	27.0	22.3	7.1	7.6	7.3	7.4	7.8	7.5	194	302	242	0.9	2.1	1.3	1	1.39
1281	MAHANADI AT HIRAKUD RESERVOIR, ODISHA	ODISHA	20.0	35.0	27.8	6.5	8.3	7.2	7.7	8.2	7.9	138	218	191	0.2	1.3	0.7	0.3	1.48
1270	MAHANADI AT SAMBALPUR U/S, ODISHA	ODISHA	20.0	35.0	27.8	4.9	8.6	7.4	7.4	8.4	7.9	131	235	200	0.5	1.8	1.1	0.2	0.87
1271	MAHANADI AT SAMBALPUR D/S, ODISHA	ODISHA	20.0	35.0	28.3	4.7	11.5	7.1	6.9	8.4	8.0	148	240	209	1.2	3.9	2.7	0.3	1.80
2405	SAMBHALPUR FDS AT HUMA	ODISHA	22.0	36.0	30.0	6.3	8.4	7.3	7.4	8.3	8.0	142	305	212	0.8	2.6	1.6	0.1	0.8
1272	MAHANADI D/S (AFTER CONFL. WITH R. ONG SONEPUR U/S), ODISHA	ODISHA	22.0	36.0	30.1	6.9	8.3	7.6	7.1	8.4	8.0	146	253	204	0.2	1.1	0.7	0.1	1.11
1274	MAHANADI AFTER CONFL. WITH R.TEL (SONEPUR D/S),ODISHA	ODISHA	22.0	37.0	30.0	7.2	8.5	7.8	7.6	8.4	8.1	172	268	222	0.4	1.9	1.0	0.2	1.96
1275	MAHANADI AT TIKARPADA, ODISHA	ODISHA	20.0	37.0	30.1	6.9	8.5	7.9	7.2	8.3	8.0	161	229	197	0.3	0.8	0.6	0.1	1.31
1276	MAHANADI AT NARSINGHPUR, ODISHA	ODISHA	26.0	35.0	29.2	6.3	8.7	7.3	7.8	8.4	8.1	148	226	195	0.2	1.4	0.7	0.1	1.72
1277	MAHANADI AT CUTTACK U/S, ODISHA	ODISHA	23.0	34.0	27.2	6.5	8.8	7.9	7.5	8.5	7.9	138	228	178	0.7	1.5	1.0	0.1	1.71
1278	MAHANADI AT CUTTACK D/S, ODISHA	ODISHA	22.0	34.0	27.6	5.9	8.4	7.2	7.5	8.4	7.9	140	261	203	1.7	2.5	2.2	0.2	2.20
2409	CUTTACK FDS (SERUA) AT SANKHATRASIA	ODISHA	21.0	33.0	26.6	2.0	7.8	6.2	7.3	8.2	7.7	142	398	241	1.3	17.3	4.0	0.3	3.9
2406	MUNDALI(WATER INTAKE POINT OF BHUBANESWAR CITY	ODISHA	25.0	33.0	27.9	6.3	8.6	7.3	7.4	8.4	8.0	136	228	197	0.4	1.5	0.8	0.1	1.3
2404	POWER CHANNEL D/S NEAR BURLA	ODISHA	20.0	35.0	27.7	4.5	8.4	6.6	7.3	8.4	7.8	160	241	200	0.3	0.9	0.8	0.3	1.8
ESTUARINE ZONE																			
2407	PARADEEP U/S (BEFORE INDUSTRIAL ACTIVITY AT PARADEEP)	ODISHA	23.0	34.0	27.9	5.7	8.8	7.0	7.3	8.4	7.9	146	15040	4053	0.5	2.0	1.3	0.2	3.4
1639	MAHANADI AT PARADEEPPD/S, ODISHA	ODISHA	24.0	34.0	28.3	5.7	7.7	6.6	7.3	8.2	7.8	190	38730	17325	0.8	2.7	1.5	0.4	4.9