

Water Quality Status of river Godavari

Water quality of river Godavari is monitored regularly on monthly basis under National Water Quality Monitoring project (NWMP) by Andhra Pradesh Pollution Control Board. Water quality status of the river Godavari is as follows:

Water quality of river Godavari is monitored at the following five locations.

01	0014	Polavaram
02	1218	U/S of Rajahmundry at Kumaradevam
03	1219	D/S of Rajahmundry at Dhawaleswaram
04	2370	At Rajahmundry U/S of Nalla channel
05	2371	At Rajahmundry D/S of Nalla channel

Annual average values – 2014, 2015 & 2016, 2017 (Up to November)

Parameter	Year	0014	1218	1219	2370	2371	*Standard		
							Class A	Class B	Class C
pH	2014	7.9	7.7	7.5	7.4	7.6	6.0 - 8.5		
	2015	7.9	7.8	7.7	7.6	7.4			
	2016	7.4	7.3	7.2	7.1	7.1			
	2017	7.1	7.0	7.2	7.2	7.3			
DO	2014	7.9	7.7	7.5	7.4	7.6	6.0	5.0	4.0
	2015	6.4	6.0	5.8	5.7	5.7			
	2016	6.0	6.1	6.4	6.0	6.1			
	2017	6.7	6.9	7.2	7.0	6.9			
BOD	2014	1.0	1.0	1.0	1.0	1.1	2.0	3.0	3.0
	2015	1.1	1.0	1.5	1.4	1.9			
	2016	1.8	2.1	2.1	2.0	2.2			
	2017	1.8	1.7	1.8	1.8	1.8			
T. Coli	2014	90	47	272	618	999	50	500	5000
	2015	197	265	1273	1075	1742			
	2016	1149	1302	271	241	592			
	2017	1087	1220	230	199	470			
TDS	2014	181	184	192	183	214	500 - 2000		
	2015	148	138	156	163	177			
	2016	183	154	163	172	174			
	2017	263	272	186	210	205			

Note: All values are expressed in mg/l except pH & T. Coli value. T. Coli is expressed in MPN count / 100 ml.

Remarks: Godavari river water falls under the category of Class 'C' (drinking water source with conventional treatment followed by disinfection as per the above characteristics).