

Water Quality Status of river Krishna

Water quality of river Krishna 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 Krishna is as follows:

Water quality of river Krishna is monitored at the following six locations.

01	1175	Srisailam
02	3083	D/S of Srisailam
03	1786	Vedadri
04	1787	Amaravathi
05	0025	Prakasham barrage
06	1782	Hamsaladeevi

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

Parameters	Year	1175	3083	1786	1787	0025	1782	*Standard		
								Class A	Class B	Class C
pH	2014	7.2	7.2	7.9	7.7	7.8	7.5	6.0 - 8.5		
	2015	8.0	8.1	8.0	7.9	7.9	7.7			
	2016	8.1	8.0	7.6	7.6	7.5	7.6			
	2017	7.9	8.0	7.8	8.0	7.8	7.7			
DO	2014	6.1	5.6	6.9	6.6	7.2	6.3	6.0	5.0	4.0
	2015	6.2	6.1	6.9	7.1	7.1	5.8			
	2016	5.9	5.8	6.4	6.6	6.9	5.1			
	2017	6.4	6.3	6.7	7.0	7.1	5.6			
BOD	2014	2.3	2.5	0.6	0.7	0.6	0.4	2.0	3.0	3.0
	2015	1.4	1.7	0.9	0.8	0.9	1.7			
	2016	1.7	2.1	0.6	0.6	0.6	1.1			
	2017	1.8	1.3	1.8	1.8	1.6	1.8			
T. Coli	2014	561	684	1317	1433	1325	892	50	500	5000
	2015	508	536	723	858	767	1500			
	2016	653	648	683	700	650	1258			
	2017	509	436	900	818	727	1264			
TDS	2014	399	---	492	501	420	---	500 - 2000		
	2015	405	421	439	406	430	---			
	2016	413	461	447	346	335	12258			
	2017	517	323	483	417	348	15765			

Note: All values are expressed in mg/L except pH & T. Coli value.

T. Coli is expressed in MPN count / 100 ml.

Remarks: 1. Krishna river water falls under the category of Class 'C' (drinking water source with conventional treatment followed by disinfection) as per the above characteristics.

2. The reasons for high TDS value at the point Hamsaladeevi is attributed to the intrusion of Sea water back in to the river. Hamsaladeevi point is the confluence point of river Krishna with Bay of Bengal.

