

WATER QUALITY OF RIVER NAGAVALI - 2006

J. K. Pur D/s

Month	Year	pH	DO (mg/l)	BOD (mg/l)	Cond. μ S/cm	NH ₄ -N (mg/l)	Nitrate-N (mg/l)	TC (MPN/100 ml)	FC (MPN/100 ml)	SI	DI	Class
January	2006	8.2	6.9	2.8	211.0	0.5260	2.12	2200	1400	3	0.4	
April		8.1	6.4	1.7	460	0.840	0.996	1700	1100	4.8	0.31	C
July		7.8	6.7	0.8	284	0.896	1.287	3500	1700	--	--	--
Oct		7.6	7.2	2.2	206	0.448	0.237	13000	7900	4.4	0.44	C
Minimum		7.6	6.4	0.8	206	0.448	0.237	1700	1100	3.00	0.31	
Maximum		8.2	7.2	2.8	460	0.896	2.120	13000	7900	4.80	0.44	
Average		7.9	6.8	1.9	290	0.678	1.160	5100	3025	4.07	0.38	

Rayagada D/s

Month	Year	pH	DO (mg/l)	BOD (mg/l)	Cond. μ S/cm	NH ₄ -N (mg/l)	Nitrate-N (mg/l)	TC (MPN/100 ml)	FC (MPN/100 ml)	SI	DI	Class
January	2006	8.5	7.8	0.6	197.0	0.4480	3.01	3500	1700	--	--	--
April		7.9	7.4	1.3	389	0.616	1.610	2200	1300	--	--	--
July		8.2	7.5	3.7	279	0.784	1.303	1700	1100	--	--	--
Oct		7.6	7.7	2.0	221	1.68	0.401	24000	7900	6	0.56	B
Minimum		7.6	7.4	0.6	197	0.448	0.401	1700	1100	6.0	0.6	
Maximum		8.5	7.8	3.7	389	1.680	3.010	24000	7900	6.0	0.6	
Average		8.1	7.6	1.9	271	0.882	1.581	7850	3000	6.0	0.6	