

UNEP GEMS/Water Programme Periyar River near Kaladi



Figure 1: (above) Small temple in the middle of the Periyar River, near Kaladi.



Figure 2: (right) Map of Kaladi, India.

Station Number (Country/Sequent)	031018
Water Type	River
Octant	3
Latitude (Deg. Min. Sec.)	10° 11" 00' N
Longitude (Deg. Min. Sec.)	76° 32" 00' E
Mean Surface Water Level (m)	5.0
Average Sounding Depth (m)	4.0
Date Station Opened	1980-08-07
Regional Centre	ASIA
Sub-regional Centre	E-ASIA
Geographical Region	ASIA
Responsible Collection Agency	CPCB
Watershed/Basin	
Station Type (Baseline, Trend, Global Flux Station)	Baseline
GRDC Number	2853900
River Width (m)	380.0
Discharge (m³/sec)	223
Upstream Basin Area (km²)	4244
Area Upstream of Tidal Limit (km²)	Data not available
Country Name	India
Station Identifier	Periyar R. near Kaladi
Station Narrative	3.5 km upstream of the Sankaracharya Bridge. Gauging station of Central Water Commission is 300 m upstream of Sankaracharya Bridge –Baseline.

Additional Information		
Data Date Range	August 7, 1980 – December 10, 2004	
Applicable Parameters Full method description and codes can be found in the Analytical Methods for Environmental Water Quality at http://www.gemswater.org/quality_assurance/index-e.html	Physical Characteristics: 10123- Alkalinity Total 02041-Electrical Conductance 10302- pH 10452- Residue Filterable 02061- Temperature 08101- Dissolved Oxygen 10603- Hardness – Total 10551- Residue – Fixed 10401- Suspended Solids 105°C 02071- Turbidity 02074- Turbidity Microbiology: 36001- Coliform – Total 36011- Faecal Coliform Bacteria Major Ions: 20101- Calcium – Dissolved 12101- Magnesium –Dissolved 16302- Sulphate 17202- Chloride – Dissolved 11103- Sodium – Dissolved	Organic Matter: 08201- Biochemical Oxygen Demand 08301- Chemical Oxygen Demand Nutrients: 07551- Ammonia 07105- Nitrogen, Nitrate, and Nitrite 07001- Nitrogen Total Kjeldahl 15403- Phosphate – Total Metals: 05102- Boron – Dissolved Hydrologic & Sampling Variables: 97160- Instantaneous Discharge
Related Links	Ranjit Vijayan, 2006 Ranjit Vijayan. <i>Photo of Periyar River at Kalady</i> http://www.ranjit.com/gallery/kerala/Kalady_A_small_temple_in_the_middle_of_river_Periyar MSN Encarta, 2005 Microsoft. <i>World Atlas</i> http://encarta.msn.com/encnet/features/MapCenter/Map.aspx India Together: The News That Matters, Civil Society Information Exchange Pvt. Ltd., Feb 2006. <i>Unchecked Pollution on the Periyar</i> http://www.indiatogether.org/2004/mar/env-periyar.htm	

Additional Photos



Polluting factories on the banks of the Periyar



Pollution in the river.

India Together: The News That Matters, Civil Society Information Exchange Pvt. Ltd., Feb 2006. *Unchecked Pollution on the Periyar*
<http://www.indiatogether.org/2004/mar/env-periyar.htm>