

## Anathode Dam

Location	9.3417° N, 77.1506° E
State	Kerala
Nearest City	Vandiperiyar
Year of Completion	1967
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Kakki
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	51.8 m
Dam length	376.1 m
Reservoir Area	17600000.0 m <sup>2</sup>
Gross storage capacity	455020000.0 m <sup>3</sup>
Effective storage capacity	447760000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.5 km <sup>2</sup>
Perimeter of catchment	5.9 km
Basin Length	1370.8 m
Form factor	0.77746
Circularity ratio	0.52050
Elongation ratio	0.99460
Highest Stream order	4
Max elevation	1154.0 m
Min elevation	954.0 m
Mean bifurcation ratio	2.3022
Stream frequency	91.0440 per km <sup>2</sup>
Relief	200.00 m
Drainage density	12.1250 km/km <sup>2</sup>
Length of overland flow	41.236 m

## CATCHMENT CLIMATOLOGY

