

Kodumudiayar Dam

Location	8.4242° N, 77.5236° E
State	Tamil Nadu
Nearest City	Nanguneri
Year of Completion	2003
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Nambiyar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	28.0 m
Dam length	411.0 m
Reservoir Area	534000.0 m ²
Gross storage capacity	3450000.0 m ³
Effective storage capacity	3448360.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.6 km ²
Perimeter of catchment	22.3 km
Basin Length	6279.3 m
Form factor	0.70087
Circularity ratio	0.70074
Elongation ratio	0.94434
Highest Stream order	5
Max elevation	1607.0 m
Min elevation	129.0 m
Mean bifurcation ratio	2.9786
Stream frequency	90.7550 per km ²
Relief	1478.00 m
Drainage density	14.4630 km/km ²
Length of overland flow	34.572 m

CATCHMENT CLIMATOLOGY

