

## Shenbagathope Dam

Location	12.6447° N, 79.0675° E
State	Tamil Nadu
Nearest City	Polur
Year of Completion	2007
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Kamandalar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	26.6 m
Dam length	1015.0 m
Reservoir Area	1051200.0 m <sup>2</sup>
Gross storage capacity	8130000.0 m <sup>3</sup>
Effective storage capacity	8113000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	171.1 km <sup>2</sup>
Perimeter of catchment	90.7 km
Basin Length	22359.0 m
Form factor	0.34223
Circularity ratio	0.26131
Elongation ratio	0.65988
Highest Stream order	6
Max elevation	1032.0 m
Min elevation	230.0 m
Mean bifurcation ratio	2.4604
Stream frequency	81.0430 per km <sup>2</sup>
Relief	802.00 m
Drainage density	12.1220 km/km <sup>2</sup>
Length of overland flow	41.246 m

## CATCHMENT CLIMATOLOGY

