

## Thoppaiyar Dam

Location	11.9558° N, 78.1081° E
State	Tamil Nadu
Nearest City	Dharmapuri
Year of Completion	1986
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Thoppaiyar
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	435.0 m
Reservoir Area	1199000.0 m <sup>2</sup>
Gross storage capacity	8460000.0 m <sup>3</sup>
Effective storage capacity	8433000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	299.5 km <sup>2</sup>
Perimeter of catchment	98.5 km
Basin Length	22571.0 m
Form factor	0.58796
Circularity ratio	0.38791
Elongation ratio	0.86493
Highest Stream order	7
Max elevation	1621.0 m
Min elevation	349.0 m
Mean bifurcation ratio	2.2811
Stream frequency	82.9460 per km <sup>2</sup>
Relief	1272.00 m
Drainage density	12.5870 km/km <sup>2</sup>
Length of overland flow	39.725 m

## CATCHMENT CLIMATOLOGY

