

## Pilavukkal Project Periyar Dam

Location	9.6403° N, 77.5272° E
State	Tamil Nadu
Nearest City	Srivilliputhur
Year of Completion	1976
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Periyar
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	864.0 m
Reservoir Area	758866.5 m <sup>2</sup>
Gross storage capacity	5440000.0 m <sup>3</sup>
Effective storage capacity	5440000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.0 km <sup>2</sup>
Perimeter of catchment	31.4 km
Basin Length	11113.0 m
Form factor	0.29984
Circularity ratio	0.47315
Elongation ratio	0.61766
Highest Stream order	6
Max elevation	1717.0 m
Min elevation	187.0 m
Mean bifurcation ratio	2.6064
Stream frequency	89.5460 per km <sup>2</sup>
Relief	1530.00 m
Drainage density	14.3800 km/km <sup>2</sup>
Length of overland flow	34.770 m

## CATCHMENT CLIMATOLOGY

