

## Peruvarippallam Dam

Location	10.4481° N, 76.7667° E
State	Kerala
Nearest City	Chittur
Year of Completion	1971
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Peruvarippallam
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.7 m
Dam length	466.0 m
Reservoir Area	2900000.0 m <sup>2</sup>
Gross storage capacity	17560000.0 m <sup>3</sup>
Effective storage capacity	11020000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.5 km <sup>2</sup>
Perimeter of catchment	21.9 km
Basin Length	7540.9 m
Form factor	0.27244
Circularity ratio	0.40719
Elongation ratio	0.58877
Highest Stream order	5
Max elevation	1030.0 m
Min elevation	525.0 m
Mean bifurcation ratio	2.5609
Stream frequency	74.6810 per km <sup>2</sup>
Relief	505.00 m
Drainage density	10.7230 km/km <sup>2</sup>
Length of overland flow	46.627 m

## CATCHMENT CLIMATOLOGY

