

## Periyar Dam

Location	9.5286° N, 77.1442° E
State	Kerala
Nearest City	Peerumedy
Year of Completion	1895
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Periyar
Dam Type	Other
Height above lowest foundation level	53.7 m
Dam length	365.9 m
Reservoir Area	26440000.0 m <sup>2</sup>
Gross storage capacity	443230000.0 m <sup>3</sup>
Effective storage capacity	299311000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	636.3 km <sup>2</sup>
Perimeter of catchment	168.7 km
Basin Length	32638.0 m
Form factor	0.59730
Circularity ratio	0.28116
Elongation ratio	0.87178
Highest Stream order	8
Max elevation	1949.0 m
Min elevation	828.0 m
Mean bifurcation ratio	3.7622
Stream frequency	79.5970 per km <sup>2</sup>
Relief	1121.00 m
Drainage density	11.9630 km/km <sup>2</sup>
Length of overland flow	41.794 m

## CATCHMENT CLIMATOLOGY

