

Pechipparai Dam

Location	8.4511° N, 77.3086° E
State	Tamil Nadu
Nearest City	Vilavankod
Year of Completion	1906
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Kodaiyar
Dam Type	Masonry Buttress
Height above lowest foundation level	46.3 m
Dam length	555.0 m
Reservoir Area	15150000.0 m ²
Gross storage capacity	153100000.0 m ³
Effective storage capacity	126000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	170.2 km ²
Perimeter of catchment	72.6 km
Basin Length	16232.0 m
Form factor	0.64580
Circularity ratio	0.40562
Elongation ratio	0.90648
Highest Stream order	7
Max elevation	1777.0 m
Min elevation	72.0 m
Mean bifurcation ratio	15.5850
Stream frequency	87.1070 per km ²
Relief	1705.00 m
Drainage density	13.7390 km/km ²
Length of overland flow	36.392 m

CATCHMENT CLIMATOLOGY

