

Chinnakuttiyar Dam

Location	8.5244° N, 77.3542° E
State	Tamil Nadu
Nearest City	Tirunelveli
Year of Completion	1976
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	South Coast
River	Kodayar
Dam Type	Masonry Gravity
Height above lowest foundation level	39.0 m
Dam length	277.0 m
Reservoir Area	5379503.0 m ²
Gross storage capacity	2770000.0 m ³
Effective storage capacity	2620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.0 km ²
Perimeter of catchment	32.7 km
Basin Length	11494.0 m
Form factor	0.22699
Circularity ratio	0.35361
Elongation ratio	0.53742
Highest Stream order	6
Max elevation	1777.0 m
Min elevation	1234.0 m
Mean bifurcation ratio	2.2540
Stream frequency	78.5980 per km ²
Relief	543.00 m
Drainage density	11.6880 km/km ²
Length of overland flow	42.778 m

CATCHMENT CLIMATOLOGY

