

Chittar-li Dam

Location	8.4350° N, 77.2533° E
State	Tamil Nadu
Nearest City	Vilavankod
Year of Completion	1972
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Chittar
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	1076.0 m
Reservoir Area	4140000.0 m ²
Gross storage capacity	28577340.0 m ³
Effective storage capacity	16992500.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.2 km ²
Perimeter of catchment	23.1 km
Basin Length	6063.4 m
Form factor	0.73891
Circularity ratio	0.63779
Elongation ratio	0.96963
Highest Stream order	6
Max elevation	736.0 m
Min elevation	65.0 m
Mean bifurcation ratio	2.5384
Stream frequency	78.8860 per km ²
Relief	671.00 m
Drainage density	11.6570 km/km ²
Length of overland flow	42.891 m

CATCHMENT CLIMATOLOGY

