

Sulagirichinnar Dam

Location	12.6700° N, 78.0411° E
State	Tamil Nadu
Nearest City	Hosur
Year of Completion	1986
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Shoolagari
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.3 m
Dam length	415.0 m
Reservoir Area	445000.0 m ²
Gross storage capacity	2298000.0 m ³
Effective storage capacity	2208000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	175.9 km ²
Perimeter of catchment	60.3 km
Basin Length	21884.0 m
Form factor	0.36728
Circularity ratio	0.60877
Elongation ratio	0.68361
Highest Stream order	6
Max elevation	906.0 m
Min elevation	652.0 m
Mean bifurcation ratio	2.1947
Stream frequency	75.1370 per km ²
Relief	254.00 m
Drainage density	10.6920 km/km ²
Length of overland flow	46.762 m

CATCHMENT CLIMATOLOGY

