

Sholayar Dam

Location	10.2983° N, 76.8811° E
State	Tamil Nadu
Nearest City	Pollachi.
Year of Completion	1971
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Sholayar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	105.2 m
Dam length	1244.2 m
Reservoir Area	5260000.0 m ²
Gross storage capacity	160000000.0 m ³
Effective storage capacity	152500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	120.2 km ²
Perimeter of catchment	58.4 km
Basin Length	19736.0 m
Form factor	0.30867
Circularity ratio	0.44250
Elongation ratio	0.62670
Highest Stream order	6
Max elevation	2329.0 m
Min elevation	878.0 m
Mean bifurcation ratio	2.5531
Stream frequency	75.0360 per km ²
Relief	1451.00 m
Drainage density	10.8750 km/km ²
Length of overland flow	45.978 m

CATCHMENT CLIMATOLOGY

