

Anayiranikal Dam

Location	10.0056° N, 77.2083° E
State	Kerala
Nearest City	Munnar
Year of Completion	1965
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Panniar
Dam Type	Composite Other
Height above lowest foundation level	34.1 m
Dam length	291.7 m
Reservoir Area	4856000.0 m ²
Gross storage capacity	49840000.0 m ³
Effective storage capacity	48990000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	67.7 km ²
Perimeter of catchment	35.1 km
Basin Length	9209.1 m
Form factor	0.79801
Circularity ratio	0.69213
Elongation ratio	1.00770
Highest Stream order	6
Max elevation	2553.0 m
Min elevation	1162.0 m
Mean bifurcation ratio	3.9901
Stream frequency	86.9720 per km ²
Relief	1391.00 m
Drainage density	13.6040 km/km ²
Length of overland flow	36.754 m

CATCHMENT CLIMATOLOGY

