

## Meenar li Dam

Location	9.4083° N, 77.1444° E
State	Kerala
Nearest City	Vandiperiyar
Year of Completion	1991
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Meenar.
Dam Type	Masonry Gravity
Height above lowest foundation level	15.5 m
Dam length	97.0 m
Reservoir Area	5825.0 m <sup>2</sup>
Gross storage capacity	63000.0 m <sup>3</sup>
Effective storage capacity	63000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	80.9 km <sup>2</sup>
Perimeter of catchment	47.7 km
Basin Length	13057.0 m
Form factor	0.47470
Circularity ratio	0.44625
Elongation ratio	0.77717
Highest Stream order	7
Max elevation	1806.0 m
Min elevation	937.0 m
Mean bifurcation ratio	2.2571
Stream frequency	74.7070 per km <sup>2</sup>
Relief	869.00 m
Drainage density	10.8180 km/km <sup>2</sup>
Length of overland flow	46.219 m

## CATCHMENT CLIMATOLOGY

