

Veluthode Dam

Location	9.3017° N, 77.0392° E
State	Kerala
Nearest City	Ranni
Year of Completion	1999
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Veluthode
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	22.0 m
Dam length	107.0 m
Reservoir Area	63500.0 m ²
Gross storage capacity	670000.0 m ³
Effective storage capacity	607000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km ²
Perimeter of catchment	11.7 km
Basin Length	3779.8 m
Form factor	0.55824
Circularity ratio	0.72949
Elongation ratio	0.84279
Highest Stream order	4
Max elevation	1115.0 m
Min elevation	191.0 m
Mean bifurcation ratio	2.6950
Stream frequency	87.5170 per km ²
Relief	924.00 m
Drainage density	13.7440 km/km ²
Length of overland flow	36.380 m

CATCHMENT CLIMATOLOGY

