

Kulamavu Dam

Location	9.8030° N, 76.8860° E
State	Kerala
Nearest City	Todupulai
Year of Completion	1976
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Kilivallithode
Dam Type	Composite Concrete and Masonry
Height above lowest foundation level	100.0 m
Dam length	385.1 m
Reservoir Area	60000000.0 m ²
Gross storage capacity	1996300000.0 m ³
Effective storage capacity	1459510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.2 km ²
Perimeter of catchment	10.3 km
Basin Length	3730.2 m
Form factor	0.30376
Circularity ratio	0.50245
Elongation ratio	0.62169
Highest Stream order	4
Max elevation	909.0 m
Min elevation	710.0 m
Mean bifurcation ratio	2.3712
Stream frequency	76.4200 per km ²
Relief	199.00 m
Drainage density	10.4890 km/km ²
Length of overland flow	47.668 m

CATCHMENT CLIMATOLOGY

