

Kuttiyadi Augmentation Main Earthen Dam

Location	11.6711° N, 75.9558° E
State	Kerala
Nearest City	Wayanad
Year of Completion	2005
Operated and Maintained by	Kerala State Electricity Board
River Basin	Cauvery
River	Karamanthode
Dam Type	Earthfill Embankment
Height above lowest foundation level	38.0 m
Dam length	628.0 m
Reservoir Area	12770000.0 m ²
Gross storage capacity	209180000.0 m ³
Effective storage capacity	209000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.3 km ²
Perimeter of catchment	39.7 km
Basin Length	11066.0 m
Form factor	0.45127
Circularity ratio	0.43971
Elongation ratio	0.75775
Highest Stream order	6
Max elevation	1604.0 m
Min elevation	728.0 m
Mean bifurcation ratio	2.8942
Stream frequency	82.0490 per km ²
Relief	876.00 m
Drainage density	12.3310 km/km ²
Length of overland flow	40.548 m

CATCHMENT CLIMATOLOGY

