

Kuttiyadi He Project Dam

Location	11.5511° N, 75.9244° E
State	Kerala
Nearest City	Kozhikode
Year of Completion	1972
Operated and Maintained by	Kerala State Electricity Board
River Basin	West Coast
River	Kuttiyadi
Dam Type	Composite Concrete and Masonry
Height above lowest foundation level	39.5 m
Dam length	228.6 m
Reservoir Area	2790000.0 m ²
Gross storage capacity	38400000.0 m ³
Effective storage capacity	34000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.3 km ²
Perimeter of catchment	32.9 km
Basin Length	6912.5 m
Form factor	0.75901
Circularity ratio	0.42089
Elongation ratio	0.98273
Highest Stream order	7
Max elevation	1488.0 m
Min elevation	703.0 m
Mean bifurcation ratio	3.0945
Stream frequency	81.8360 per km ²
Relief	785.00 m
Drainage density	12.4260 km/km ²
Length of overland flow	40.237 m

CATCHMENT CLIMATOLOGY

