

Kuttiyadi Aug. Spillway Dam

Location	11.5617° N, 76.0344° E
State	Kerala
Nearest City	Vayithiri
Year of Completion	2004
Operated and Maintained by	Kerala State Electricity Board
River Basin	Cauvery
River	Panamaram Puzha
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	38.5 m
Dam length	56.4 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	38.7 km ²
Perimeter of catchment	30.9 km
Basin Length	6998.7 m
Form factor	0.79058
Circularity ratio	0.50962
Elongation ratio	1.00300
Highest Stream order	6
Max elevation	1911.0 m
Min elevation	736.0 m
Mean bifurcation ratio	2.4981
Stream frequency	77.8590 per km ²
Relief	1175.00 m
Drainage density	11.2090 km/km ²
Length of overland flow	44.606 m

CATCHMENT CLIMATOLOGY

