

Kallarkutty Dam

Location	9.9799° N, 77.0013° E
State	Kerala
Nearest City	Udumbanchola
Year of Completion	1962
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Muthirappuzha
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	43.0 m
Dam length	182.9 m
Reservoir Area	648000.0 m ²
Gross storage capacity	6880000.0 m ³
Effective storage capacity	5490000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	695.4 km ²
Perimeter of catchment	151.6 km
Basin Length	34070.0 m
Form factor	0.59904
Circularity ratio	0.38041
Elongation ratio	0.87305
Highest Stream order	8
Max elevation	2635.0 m
Min elevation	401.0 m
Mean bifurcation ratio	2.3387
Stream frequency	81.8460 per km ²
Relief	2234.00 m
Drainage density	12.4660 km/km ²
Length of overland flow	40.109 m

CATCHMENT CLIMATOLOGY

