

Kuttiyar Dam

Location	8.5256° N, 77.3392° E
State	Tamil Nadu
Nearest City	Kalkulam
Year of Completion	1976
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	South Coast
River	Kuttiyar
Dam Type	Masonry Gravity
Height above lowest foundation level	25.0 m
Dam length	93.0 m
Reservoir Area	5379503.0 m ²
Gross storage capacity	229932.8 m ³
Effective storage capacity	190000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.2 km ²
Perimeter of catchment	5.1 km
Basin Length	1107.8 m
Form factor	0.98190
Circularity ratio	0.57763
Elongation ratio	1.11770
Highest Stream order	3
Max elevation	1365.0 m
Min elevation	848.0 m
Mean bifurcation ratio	2.2569
Stream frequency	76.3540 per km ²
Relief	517.00 m
Drainage density	10.1510 km/km ²
Length of overland flow	49.257 m

CATCHMENT CLIMATOLOGY

