

Kallar Dam

Location	9.8256° N, 77.1561° E
State	Kerala
Nearest City	Kattappana
Year of Completion	1989
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Kallar
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	12.2 m
Dam length	67.9 m
Reservoir Area	255000.0 m ²
Gross storage capacity	793000000.0 m ³
Effective storage capacity	290000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	183.9 km ²
Perimeter of catchment	78.8 km
Basin Length	18052.0 m
Form factor	0.56442
Circularity ratio	0.37234
Elongation ratio	0.84744
Highest Stream order	7
Max elevation	1397.0 m
Min elevation	810.0 m
Mean bifurcation ratio	2.2177
Stream frequency	70.9460 per km ²
Relief	587.00 m
Drainage density	9.9070 km/km ²
Length of overland flow	50.472 m

CATCHMENT CLIMATOLOGY

