

Kakki Dam

Location	9.3253° N, 77.1419° E
State	Kerala
Nearest City	Vandiperiyar
Year of Completion	1966
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Kakki
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	116.1 m
Dam length	336.2 m
Reservoir Area	17600000.0 m ²
Gross storage capacity	455020000.0 m ³
Effective storage capacity	447760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	218.6 km ²
Perimeter of catchment	75.7 km
Basin Length	19918.0 m
Form factor	0.55087
Circularity ratio	0.48001
Elongation ratio	0.83720
Highest Stream order	7
Max elevation	1884.0 m
Min elevation	894.0 m
Mean bifurcation ratio	6.2387
Stream frequency	76.9100 per km ²
Relief	990.00 m
Drainage density	11.3170 km/km ²
Length of overland flow	44.182 m

CATCHMENT CLIMATOLOGY

