

Kundala Dam

Location	10.1436° N, 77.1986° E
State	Kerala
Nearest City	Devikulam
Year of Completion	1947
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Palar
Dam Type	Earthfill Embankment
Height above lowest foundation level	46.9 m
Dam length	259.1 m
Reservoir Area	647500.0 m ²
Gross storage capacity	765000000.0 m ³
Effective storage capacity	7787000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.5 km ²
Perimeter of catchment	28.6 km
Basin Length	5495.7 m
Form factor	1.24090
Circularity ratio	0.57770
Elongation ratio	1.25650
Highest Stream order	6
Max elevation	2541.0 m
Min elevation	1706.0 m
Mean bifurcation ratio	2.9635
Stream frequency	83.7040 per km ²
Relief	835.00 m
Drainage density	12.5250 km/km ²
Length of overland flow	39.919 m

CATCHMENT CLIMATOLOGY

