

Sengulam Dam

Location	10.0108° N, 77.0328° E
State	Kerala
Nearest City	Devikulam
Year of Completion	1954
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Muthirappuzha
Dam Type	Masonry Gravity
Height above lowest foundation level	26.8 m
Dam length	144.5 m
Reservoir Area	291000.0 m ²
Gross storage capacity	1610000.0 m ³
Effective storage capacity	710000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	10.6 km
Basin Length	3290.9 m
Form factor	0.54731
Circularity ratio	0.66700
Elongation ratio	0.83450
Highest Stream order	5
Max elevation	964.0 m
Min elevation	810.0 m
Mean bifurcation ratio	3.4385
Stream frequency	68.3270 per km ²
Relief	154.00 m
Drainage density	9.0840 km/km ²
Length of overland flow	55.042 m

CATCHMENT CLIMATOLOGY

