

Karapuzha Dam

Location	11.6172° N, 76.1742° E
State	Kerala
Nearest City	Vayithiri
Year of Completion	2004
Operated and Maintained by	Kerala Water Resources Department
River Basin	Cauvery
River	Karapuzha.
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	m
Dam length	m
Reservoir Area	8550000.0 m ²
Gross storage capacity	76500000.0 m ³
Effective storage capacity	72000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	60.9 km ²
Perimeter of catchment	37.2 km
Basin Length	9075.6 m
Form factor	0.73943
Circularity ratio	0.55329
Elongation ratio	0.96997
Highest Stream order	6
Max elevation	983.0 m
Min elevation	744.0 m
Mean bifurcation ratio	3.7828
Stream frequency	64.3470 per km ²
Relief	239.00 m
Drainage density	8.3700 km/km ²
Length of overland flow	59.736 m

CATCHMENT CLIMATOLOGY

