

## Malampuzha Dam

Location	10.8306° N, 76.6839° E
State	Kerala
Nearest City	Palakkad
Year of Completion	1966
Operated and Maintained by	Kerala Water Resources Department
River Basin	West Coast
River	Malampuzha
Dam Type	Masonry Gravity
Height above lowest foundation level	38.1 m
Dam length	1848.9 m
Reservoir Area	22000000.0 m <sup>2</sup>
Gross storage capacity	226000000.0 m <sup>3</sup>
Effective storage capacity	213600000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	147.6 km <sup>2</sup>
Perimeter of catchment	55.1 km
Basin Length	13643.0 m
Form factor	0.79286
Circularity ratio	0.61013
Elongation ratio	1.00440
Highest Stream order	7
Max elevation	2027.0 m
Min elevation	81.0 m
Mean bifurcation ratio	7.5853
Stream frequency	89.9860 per km <sup>2</sup>
Relief	1946.00 m
Drainage density	14.2650 km/km <sup>2</sup>
Length of overland flow	35.050 m

## CATCHMENT CLIMATOLOGY

