

## Parambikulam Dam

Location	10.3869° N, 76.7697° E
State	Kerala
Nearest City	Chittur
Year of Completion	1967
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Parambikulam.
Dam Type	Other
Height above lowest foundation level	73.2 m
Dam length	896.1 m
Reservoir Area	20720000.0 m <sup>2</sup>
Gross storage capacity	504660000.0 m <sup>3</sup>
Effective storage capacity	379710000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	232.7 km <sup>2</sup>
Perimeter of catchment	89.5 km
Basin Length	26324.0 m
Form factor	0.33581
Circularity ratio	0.36538
Elongation ratio	0.65366
Highest Stream order	7
Max elevation	1901.0 m
Min elevation	534.0 m
Mean bifurcation ratio	4.2740
Stream frequency	83.6130 per km <sup>2</sup>
Relief	1367.00 m
Drainage density	12.8860 km/km <sup>2</sup>
Length of overland flow	38.800 m

## CATCHMENT CLIMATOLOGY

