

Nambiar Dam

Location	8.3736° N, 77.7375° E
State	Tamil Nadu
Nearest City	Radhapuram
Year of Completion	2000
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Nambiyar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	10.8 m
Dam length	2605.0 m
Reservoir Area	1522000.0 m ²
Gross storage capacity	2329090.0 m ³
Effective storage capacity	1835530.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	336.6 km ²
Perimeter of catchment	94.7 km
Basin Length	32021.0 m
Form factor	0.32827
Circularity ratio	0.47156
Elongation ratio	0.64628
Highest Stream order	7
Max elevation	1607.0 m
Min elevation	36.0 m
Mean bifurcation ratio	2.1743
Stream frequency	73.2010 per km ²
Relief	1571.00 m
Drainage density	10.4950 km/km ²
Length of overland flow	47.644 m

CATCHMENT CLIMATOLOGY

