

## Anaimaduvu Dam

Location	11.7750° N, 78.4292° E
State	Tamil Nadu
Nearest City	Salem
Year of Completion	1993
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Anaimaduvu
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	27.9 m
Dam length	670.0 m
Reservoir Area	1067805.2 m <sup>2</sup>
Gross storage capacity	7560000.0 m <sup>3</sup>
Effective storage capacity	7430418.5 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	148.3 km <sup>2</sup>
Perimeter of catchment	69.7 km
Basin Length	15913.0 m
Form factor	0.58543
Circularity ratio	0.38395
Elongation ratio	0.86307
Highest Stream order	7
Max elevation	1161.0 m
Min elevation	392.0 m
Mean bifurcation ratio	6.6579
Stream frequency	88.5130 per km <sup>2</sup>
Relief	769.00 m
Drainage density	13.9180 km/km <sup>2</sup>
Length of overland flow	35.924 m

## CATCHMENT CLIMATOLOGY

