

## Anaikuttam Dam

Location	9.5089° N, 77.8200° E
State	Tamil Nadu
Nearest City	Sattur
Year of Completion	1989
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Arjuna Nadhi
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	9.5 m
Dam length	2940.0 m
Reservoir Area	1990000.0 m <sup>2</sup>
Gross storage capacity	3560000.0 m <sup>3</sup>
Effective storage capacity	3473880.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	596.7 km <sup>2</sup>
Perimeter of catchment	143.6 km
Basin Length	40328.0 m
Form factor	0.36687
Circularity ratio	0.36374
Elongation ratio	0.68323
Highest Stream order	8
Max elevation	1715.0 m
Min elevation	91.0 m
Mean bifurcation ratio	2.2024
Stream frequency	73.2500 per km <sup>2</sup>
Relief	1624.00 m
Drainage density	10.5770 km/km <sup>2</sup>
Length of overland flow	47.272 m

## CATCHMENT CLIMATOLOGY

