

Andiappanur Odai Dam

Location	12.5089° N, 78.7156° E
State	Tamil Nadu
Nearest City	Vaniyambadi
Year of Completion	2007
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Pambar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	22.5 m
Dam length	1185.0 m
Reservoir Area	880000.0 m ²
Gross storage capacity	3180000.0 m ³
Effective storage capacity	3175000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.8 km ²
Perimeter of catchment	27.6 km
Basin Length	8609.4 m
Form factor	0.46967
Circularity ratio	0.57373
Elongation ratio	0.77304
Highest Stream order	5
Max elevation	1127.0 m
Min elevation	449.0 m
Mean bifurcation ratio	2.6382
Stream frequency	84.0210 per km ²
Relief	678.00 m
Drainage density	12.6670 km/km ²
Length of overland flow	39.471 m

CATCHMENT CLIMATOLOGY

