

Nallathangal Odai Dam

Location	10.7111° N, 77.6086° E
State	Tamil Nadu
Nearest City	Dharapuram
Year of Completion	2007
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
River	Nallathangal Odai
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.0 m
Dam length	3450.0 m
Reservoir Area	3135000.0 m ²
Gross storage capacity	6300000.0 m ³
Effective storage capacity	5800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	402.2 km ²
Perimeter of catchment	111.5 km
Basin Length	36957.0 m
Form factor	0.29448
Circularity ratio	0.40700
Elongation ratio	0.61212
Highest Stream order	7
Max elevation	1504.0 m
Min elevation	241.0 m
Mean bifurcation ratio	2.1743
Stream frequency	71.7160 per km ²
Relief	1263.00 m
Drainage density	10.0760 km/km ²
Length of overland flow	49.624 m

CATCHMENT CLIMATOLOGY

