

Ervangalar Dam

Location	9.6081° N, 77.3014° E
State	Tamil Nadu
Nearest City	Uthamapalayam
Year of Completion	1978
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	South Coast
River	Eravangalar
Dam Type	Masonry Gravity
Height above lowest foundation level	30.0 m
Dam length	242.0 m
Reservoir Area	90528.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km ²
Perimeter of catchment	11.3 km
Basin Length	3706.5 m
Form factor	0.40388
Circularity ratio	0.54364
Elongation ratio	0.71686
Highest Stream order	4
Max elevation	1938.0 m
Min elevation	1331.0 m
Mean bifurcation ratio	2.2494
Stream frequency	74.6140 per km ²
Relief	607.00 m
Drainage density	10.5370 km/km ²
Length of overland flow	47.451 m

CATCHMENT CLIMATOLOGY

