

Thambaraparani Dam

Location	8.6508° N, 77.3111° E
State	Tamil Nadu
Nearest City	Ambasamudaram
Year of Completion	1942
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	South Coast
River	Tamiraparani
Dam Type	Masonry Gravity
Height above lowest foundation level	66.0 m
Dam length	226.8 m
Reservoir Area	66000000.0 m ²
Gross storage capacity	155800000.0 m ³
Effective storage capacity	149430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	144.4 km ²
Perimeter of catchment	59.3 km
Basin Length	12338.0 m
Form factor	0.94892
Circularity ratio	0.51618
Elongation ratio	1.09880
Highest Stream order	6
Max elevation	1748.0 m
Min elevation	215.0 m
Mean bifurcation ratio	2.7568
Stream frequency	86.5120 per km ²
Relief	1533.00 m
Drainage density	13.5860 km/km ²
Length of overland flow	36.803 m

CATCHMENT CLIMATOLOGY

