

Manalar Dam

Location	9.6381° N, 77.3461° 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	Manalar
Dam Type	Masonry Gravity
Height above lowest foundation level	40.0 m
Dam length	185.0 m
Reservoir Area	306000.0 m ²
Gross storage capacity	13580000.0 m ³
Effective storage capacity	12250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.1 km ²
Perimeter of catchment	25.0 km
Basin Length	7209.9 m
Form factor	0.34840
Circularity ratio	0.36570
Elongation ratio	0.66580
Highest Stream order	5
Max elevation	1938.0 m
Min elevation	1175.0 m
Mean bifurcation ratio	3.5484
Stream frequency	84.4250 per km ²
Relief	763.00 m
Drainage density	12.7450 km/km ²
Length of overland flow	39.232 m

CATCHMENT CLIMATOLOGY

