

Highwavys Dam

Location	9.6483° N, 77.3606° 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	Highwavys Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	35.0 m
Dam length	175.0 m
Reservoir Area	285000.0 m ²
Gross storage capacity	2440000.0 m ³
Effective storage capacity	2400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.4 km ²
Perimeter of catchment	14.9 km
Basin Length	3226.3 m
Form factor	0.71231
Circularity ratio	0.42143
Elongation ratio	0.95201
Highest Stream order	5
Max elevation	1838.0 m
Min elevation	1435.0 m
Mean bifurcation ratio	2.7306
Stream frequency	84.0260 per km ²
Relief	403.00 m
Drainage density	12.8430 km/km ²
Length of overland flow	38.931 m

CATCHMENT CLIMATOLOGY

