

Gundar Dam

Location	8.9453° N, 77.2153° E
State	Tamil Nadu
Nearest City	Shencottai
Year of Completion	1983
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Gundar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	14.7 m
Dam length	389.9 m
Reservoir Area	210000.0 m ²
Gross storage capacity	707500.0 m ³
Effective storage capacity	707500.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.0 km ²
Perimeter of catchment	13.6 km
Basin Length	3384.1 m
Form factor	0.95712
Circularity ratio	0.74956
Elongation ratio	1.10350
Highest Stream order	5
Max elevation	977.0 m
Min elevation	176.0 m
Mean bifurcation ratio	2.8866
Stream frequency	88.9500 per km ²
Relief	801.00 m
Drainage density	13.7830 km/km ²
Length of overland flow	36.277 m

CATCHMENT CLIMATOLOGY

