

Mordhana Dam

Location	13.0461° N, 78.7836° E
State	Tamil Nadu
Nearest City	Gudiyattam
Year of Completion	2001
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	East Coast
River	Koudhanya Nadhi
Dam Type	Masonry Gravity
Height above lowest foundation level	23.9 m
Dam length	475.0 m
Reservoir Area	871180.0 m ²
Gross storage capacity	7396000.0 m ³
Effective storage capacity	6513000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1468.9 km ²
Perimeter of catchment	236.1 km
Basin Length	66932.0 m
Form factor	0.32790
Circularity ratio	0.33135
Elongation ratio	0.64592
Highest Stream order	8
Max elevation	1292.0 m
Min elevation	321.0 m
Mean bifurcation ratio	2.0964
Stream frequency	72.5990 per km ²
Relief	971.00 m
Drainage density	10.2010 km/km ²
Length of overland flow	49.014 m

CATCHMENT CLIMATOLOGY

