

Chikhali Dam

Location	20.1886° N, 77.6108° E
State	Maharashtra
Nearest City	Manora
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	2177.0 m
Reservoir Area	90000.0 m ²
Gross storage capacity	2170000.0 m ³
Effective storage capacity	1960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	17.5 km
Basin Length	6383.8 m
Form factor	0.21070
Circularity ratio	0.35207
Elongation ratio	0.51777
Highest Stream order	4
Max elevation	421.0 m
Min elevation	353.0 m
Mean bifurcation ratio	2.2339
Stream frequency	71.1590 per km ²
Relief	68.00 m
Drainage density	9.2690 km/km ²
Length of overland flow	53.943 m

CATCHMENT CLIMATOLOGY

