

Chikhali Dam

Location	20.3458° N, 76.2728° E
State	Maharashtra
Nearest City	Chikhali
Year of Completion	1974
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	596.0 m
Reservoir Area	360500.0 m ²
Gross storage capacity	1010000.0 m ³
Effective storage capacity	930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.9 km ²
Perimeter of catchment	12.2 km
Basin Length	4442.3 m
Form factor	0.40025
Circularity ratio	0.67118
Elongation ratio	0.71363
Highest Stream order	5
Max elevation	650.0 m
Min elevation	594.0 m
Mean bifurcation ratio	2.7149
Stream frequency	80.7770 per km ²
Relief	56.00 m
Drainage density	11.2930 km/km ²
Length of overland flow	44.275 m

CATCHMENT CLIMATOLOGY

