

Rotha -li Dam

Location	20.7609° N, 78.5432° E
State	Maharashtra
Nearest City	Wardha
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	772.0 m
Reservoir Area	381920.0 m ²
Gross storage capacity	1076000.0 m ³
Effective storage capacity	1011000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km ²
Perimeter of catchment	10.5 km
Basin Length	3223.9 m
Form factor	0.51643
Circularity ratio	0.61355
Elongation ratio	0.81062
Highest Stream order	5
Max elevation	320.0 m
Min elevation	265.0 m
Mean bifurcation ratio	2.5972
Stream frequency	73.7750 per km ²
Relief	55.00 m
Drainage density	9.5860 km/km ²
Length of overland flow	52.162 m

CATCHMENT CLIMATOLOGY

