

Mandala Dam

Location	19.4872° N, 75.9944° E
State	Maharashtra
Nearest City	Ghanshwangi
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	3109.0 m
Reservoir Area	919685.0 m ²
Gross storage capacity	6296000.0 m ³
Effective storage capacity	5640000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.2 km ²
Perimeter of catchment	27.6 km
Basin Length	9601.6 m
Form factor	0.37132
Circularity ratio	0.56412
Elongation ratio	0.68736
Highest Stream order	6
Max elevation	500.0 m
Min elevation	446.0 m
Mean bifurcation ratio	2.0899
Stream frequency	74.7840 per km ²
Relief	54.00 m
Drainage density	10.2440 km/km ²
Length of overland flow	48.808 m

CATCHMENT CLIMATOLOGY

