

Gandhari Dam

Location	19.8719° N, 76.6150° E
State	Maharashtra
Nearest City	Lonar
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	390.0 m
Reservoir Area	423000.0 m ²
Gross storage capacity	2400000.0 m ³
Effective storage capacity	2270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.5 km ²
Perimeter of catchment	19.8 km
Basin Length	7728.5 m
Form factor	0.27564
Circularity ratio	0.52763
Elongation ratio	0.59222
Highest Stream order	5
Max elevation	592.0 m
Min elevation	487.0 m
Mean bifurcation ratio	2.1766
Stream frequency	75.0720 per km ²
Relief	105.00 m
Drainage density	10.2550 km/km ²
Length of overland flow	48.757 m

CATCHMENT CLIMATOLOGY

