

## Gandhari Dam

Location	21.1014° N, 79.9244° E
State	Maharashtra
Nearest City	Sakoli
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1002.0 m
Reservoir Area	6550.0 m <sup>2</sup>
Gross storage capacity	1896000.0 m <sup>3</sup>
Effective storage capacity	1831000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km <sup>2</sup>
Perimeter of catchment	11.8 km
Basin Length	3786.7 m
Form factor	0.47519
Circularity ratio	0.61459
Elongation ratio	0.77758
Highest Stream order	5
Max elevation	273.0 m
Min elevation	252.0 m
Mean bifurcation ratio	4.2192
Stream frequency	74.5550 per km <sup>2</sup>
Relief	21.00 m
Drainage density	9.8600 km/km <sup>2</sup>
Length of overland flow	50.712 m

## CATCHMENT CLIMATOLOGY

