

## Shelbari Dam

Location	20.8369° N, 74.1431° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.7 m
Dam length	471.0 m
Reservoir Area	403230.0 m <sup>2</sup>
Gross storage capacity	1580000.0 m <sup>3</sup>
Effective storage capacity	136000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km <sup>2</sup>
Perimeter of catchment	15.9 km
Basin Length	5005.9 m
Form factor	0.34412
Circularity ratio	0.43023
Elongation ratio	0.66170
Highest Stream order	5
Max elevation	971.0 m
Min elevation	647.0 m
Mean bifurcation ratio	3.5471
Stream frequency	84.7700 per km <sup>2</sup>
Relief	324.00 m
Drainage density	11.9520 km/km <sup>2</sup>
Length of overland flow	41.833 m

## CATCHMENT CLIMATOLOGY

