

## Shenwad Dam

Location	19.6972° N, 73.6414° E
State	Maharashtra
Nearest City	Igatpuri
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.9 m
Dam length	920.0 m
Reservoir Area	517400.0 m <sup>2</sup>
Gross storage capacity	2906000.0 m <sup>3</sup>
Effective storage capacity	2885000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km <sup>2</sup>
Perimeter of catchment	8.2 km
Basin Length	3148.3 m
Form factor	0.25098
Circularity ratio	0.46036
Elongation ratio	0.56510
Highest Stream order	3
Max elevation	850.0 m
Min elevation	577.0 m
Mean bifurcation ratio	2.4107
Stream frequency	86.4290 per km <sup>2</sup>
Relief	273.00 m
Drainage density	12.0420 km/km <sup>2</sup>
Length of overland flow	41.520 m

## CATCHMENT CLIMATOLOGY

