

## Dhangarwadi Dam

Location	16.0611° N, 74.0944° E
State	Maharashtra
Nearest City	Ajara
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	518.0 m
Reservoir Area	423000.0 m <sup>2</sup>
Gross storage capacity	2640000.0 m <sup>3</sup>
Effective storage capacity	2330000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km <sup>2</sup>
Perimeter of catchment	13.3 km
Basin Length	4267.4 m
Form factor	0.44430
Circularity ratio	0.57123
Elongation ratio	0.75187
Highest Stream order	5
Max elevation	1013.0 m
Min elevation	682.0 m
Mean bifurcation ratio	3.0105
Stream frequency	92.0800 per km <sup>2</sup>
Relief	331.00 m
Drainage density	13.9830 km/km <sup>2</sup>
Length of overland flow	35.759 m

## CATCHMENT CLIMATOLOGY

