

## Nadhavade Dam

Location	16.4703° N, 73.6736° E
State	Maharashtra
Nearest City	Vaibhavwadi
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.3 m
Dam length	1210.0 m
Reservoir Area	702000.0 m <sup>2</sup>
Gross storage capacity	4660000.0 m <sup>3</sup>
Effective storage capacity	4590000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km <sup>2</sup>
Perimeter of catchment	9.2 km
Basin Length	1802.7 m
Form factor	1.22590
Circularity ratio	0.59104
Elongation ratio	1.24890
Highest Stream order	4
Max elevation	200.0 m
Min elevation	90.0 m
Mean bifurcation ratio	3.2939
Stream frequency	69.0340 per km <sup>2</sup>
Relief	110.00 m
Drainage density	8.7390 km/km <sup>2</sup>
Length of overland flow	57.214 m

## CATCHMENT CLIMATOLOGY

