

## Malghar Dam

Location	17.4950° N, 73.4364° E
State	Maharashtra
Nearest City	Chiplun
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	230.0 m
Reservoir Area	567000.0 m <sup>2</sup>
Gross storage capacity	1996000.0 m <sup>3</sup>
Effective storage capacity	1711000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.0 km <sup>2</sup>
Perimeter of catchment	25.3 km
Basin Length	8193.0 m
Form factor	0.43157
Circularity ratio	0.56864
Elongation ratio	0.74103
Highest Stream order	5
Max elevation	242.0 m
Min elevation	18.0 m
Mean bifurcation ratio	2.3571
Stream frequency	75.8040 per km <sup>2</sup>
Relief	224.00 m
Drainage density	10.6350 km/km <sup>2</sup>
Length of overland flow	47.016 m

## CATCHMENT CLIMATOLOGY

