

## Ausare Dam

Location	19.0667° N, 73.3433° E
State	Maharashtra
Nearest City	Karjat
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.6 m
Dam length	552.0 m
Reservoir Area	286000.0 m <sup>2</sup>
Gross storage capacity	1954000.0 m <sup>3</sup>
Effective storage capacity	1931000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km <sup>2</sup>
Perimeter of catchment	8.4 km
Basin Length	1998.8 m
Form factor	0.99789
Circularity ratio	0.71762
Elongation ratio	1.12680
Highest Stream order	4
Max elevation	106.0 m
Min elevation	32.0 m
Mean bifurcation ratio	6.8586
Stream frequency	72.2360 per km <sup>2</sup>
Relief	74.00 m
Drainage density	9.1980 km/km <sup>2</sup>
Length of overland flow	54.361 m

## CATCHMENT CLIMATOLOGY

