

## Mahabaleshwar S.T. Dam

Location	17.9356° N, 73.6686° E
State	Maharashtra
Nearest City	Mahabaleshwar
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Venna
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.1 m
Dam length	295.0 m
Reservoir Area	280300000.0 m <sup>2</sup>
Gross storage capacity	1590000.0 m <sup>3</sup>
Effective storage capacity	1480000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km <sup>2</sup>
Perimeter of catchment	7.8 km
Basin Length	1683.4 m
Form factor	1.37860
Circularity ratio	0.79860
Elongation ratio	1.32440
Highest Stream order	5
Max elevation	1428.0 m
Min elevation	1277.0 m
Mean bifurcation ratio	2.7846
Stream frequency	85.2380 per km <sup>2</sup>
Relief	151.00 m
Drainage density	11.9870 km/km <sup>2</sup>
Length of overland flow	41.713 m

## CATCHMENT CLIMATOLOGY

