

## Morbe Dam

Location	19.0694° N, 73.2075° E
State	Maharashtra
Nearest City	Panvel
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Other
Height above lowest foundation level	22.4 m
Dam length	276.0 m
Reservoir Area	600000.0 m <sup>2</sup>
Gross storage capacity	3220000.0 m <sup>3</sup>
Effective storage capacity	3120000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.8 km <sup>2</sup>
Perimeter of catchment	13.6 km
Basin Length	3690.8 m
Form factor	0.79641
Circularity ratio	0.74009
Elongation ratio	1.00660
Highest Stream order	5
Max elevation	547.0 m
Min elevation	58.0 m
Mean bifurcation ratio	3.0738
Stream frequency	94.6670 per km <sup>2</sup>
Relief	489.00 m
Drainage density	14.2680 km/km <sup>2</sup>
Length of overland flow	35.044 m

## CATCHMENT CLIMATOLOGY

