

## Manor Dam

Location	19.7247° N, 72.8936° E
State	Maharashtra
Nearest City	Palghar
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.3 m
Dam length	395.0 m
Reservoir Area	408000.0 m <sup>2</sup>
Gross storage capacity	2520000.0 m <sup>3</sup>
Effective storage capacity	2484000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km <sup>2</sup>
Perimeter of catchment	5.7 km
Basin Length	1778.6 m
Form factor	0.63099
Circularity ratio	0.76726
Elongation ratio	0.89603
Highest Stream order	4
Max elevation	302.0 m
Min elevation	12.0 m
Mean bifurcation ratio	2.7840
Stream frequency	87.6760 per km <sup>2</sup>
Relief	290.00 m
Drainage density	12.4410 km/km <sup>2</sup>
Length of overland flow	40.191 m

## CATCHMENT CLIMATOLOGY

