

## Barbada Dam

Location	18.9847° N, 77.5044° E
State	Maharashtra
Nearest City	Mantha
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	4440.0 m
Reservoir Area	13169.0 m <sup>2</sup>
Gross storage capacity	11066000.0 m <sup>3</sup>
Effective storage capacity	9703000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.1 km <sup>2</sup>
Perimeter of catchment	26.7 km
Basin Length	9085.7 m
Form factor	0.41360
Circularity ratio	0.60059
Elongation ratio	0.72543
Highest Stream order	6
Max elevation	462.0 m
Min elevation	337.0 m
Mean bifurcation ratio	2.5627
Stream frequency	74.6870 per km <sup>2</sup>
Relief	125.00 m
Drainage density	10.2790 km/km <sup>2</sup>
Length of overland flow	48.641 m

## CATCHMENT CLIMATOLOGY

