

## Tringalwadi Dam

Location	19.7308° N, 73.5564° E
State	Maharashtra
Nearest City	Igatpuri
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	498.0 m
Reservoir Area	656000.0 m <sup>2</sup>
Gross storage capacity	3135000.0 m <sup>3</sup>
Effective storage capacity	2860000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km <sup>2</sup>
Perimeter of catchment	11.8 km
Basin Length	2653.0 m
Form factor	0.96848
Circularity ratio	0.62023
Elongation ratio	1.11010
Highest Stream order	4
Max elevation	886.0 m
Min elevation	592.0 m
Mean bifurcation ratio	3.5717
Stream frequency	92.7140 per km <sup>2</sup>
Relief	294.00 m
Drainage density	13.7410 km/km <sup>2</sup>
Length of overland flow	36.387 m

## CATCHMENT CLIMATOLOGY

