

## Waghera Dam

Location	20.0656° N, 73.4958° E
State	Maharashtra
Nearest City	Trimbakeshwar
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	2085.0 m
Reservoir Area	1158000.0 m <sup>2</sup>
Gross storage capacity	3694000.0 m <sup>3</sup>
Effective storage capacity	3652000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.5 km <sup>2</sup>
Perimeter of catchment	8.5 km
Basin Length	3021.6 m
Form factor	0.48886
Circularity ratio	0.77946
Elongation ratio	0.78868
Highest Stream order	5
Max elevation	950.0 m
Min elevation	734.0 m
Mean bifurcation ratio	4.6863
Stream frequency	90.0710 per km <sup>2</sup>
Relief	216.00 m
Drainage density	13.6440 km/km <sup>2</sup>
Length of overland flow	36.647 m

## CATCHMENT CLIMATOLOGY

