

## Waigholpada Dam

Location	20.0922° N, 73.4528° E
State	Maharashtra
Nearest City	Trimbakeshwar
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.1 m
Dam length	602.0 m
Reservoir Area	2065000.0 m <sup>2</sup>
Gross storage capacity	4940000.0 m <sup>3</sup>
Effective storage capacity	4870000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km <sup>2</sup>
Perimeter of catchment	8.3 km
Basin Length	2398.0 m
Form factor	0.71280
Circularity ratio	0.74506
Elongation ratio	0.95235
Highest Stream order	4
Max elevation	709.0 m
Min elevation	393.0 m
Mean bifurcation ratio	3.2694
Stream frequency	95.1510 per km <sup>2</sup>
Relief	316.00 m
Drainage density	14.0390 km/km <sup>2</sup>
Length of overland flow	35.616 m

## CATCHMENT CLIMATOLOGY

