

## Waki (Igatpuri) Dam

Location	19.7564° N, 73.5886° E
State	Maharashtra
Nearest City	Igatpuri
Year of Completion	2012
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Waki Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	34.8 m
Dam length	1081.0 m
Reservoir Area	7203000.0 m <sup>2</sup>
Gross storage capacity	75800000.0 m <sup>3</sup>
Effective storage capacity	70570800.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.0 km <sup>2</sup>
Perimeter of catchment	23.5 km
Basin Length	7828.6 m
Form factor	0.50525
Circularity ratio	0.70501
Elongation ratio	0.80179
Highest Stream order	5
Max elevation	900.0 m
Min elevation	590.0 m
Mean bifurcation ratio	2.4173
Stream frequency	78.7660 per km <sup>2</sup>
Relief	310.00 m
Drainage density	11.0610 km/km <sup>2</sup>
Length of overland flow	45.202 m

## CATCHMENT CLIMATOLOGY

