

## Waki Dam

Location	18.1719° N, 74.3250° E
State	Maharashtra
Nearest City	Baramati
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	465.0 m
Reservoir Area	385000.0 m <sup>2</sup>
Gross storage capacity	2832000.0 m <sup>3</sup>
Effective storage capacity	2302000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	85.4 km <sup>2</sup>
Perimeter of catchment	45.9 km
Basin Length	15422.0 m
Form factor	0.35912
Circularity ratio	0.51050
Elongation ratio	0.67597
Highest Stream order	6
Max elevation	778.0 m
Min elevation	567.0 m
Mean bifurcation ratio	2.4128
Stream frequency	73.9200 per km <sup>2</sup>
Relief	211.00 m
Drainage density	10.1940 km/km <sup>2</sup>
Length of overland flow	49.050 m

## CATCHMENT CLIMATOLOGY

