

## Hiwarkhed Dam

Location	20.6817° N, 76.3922° E
State	Maharashtra
Nearest City	Khamgaon
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	423.0 m
Reservoir Area	430000.0 m <sup>2</sup>
Gross storage capacity	1030000.0 m <sup>3</sup>
Effective storage capacity	950000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.9 km <sup>2</sup>
Perimeter of catchment	17.3 km
Basin Length	6122.9 m
Form factor	0.37055
Circularity ratio	0.58624
Elongation ratio	0.68665
Highest Stream order	5
Max elevation	487.0 m
Min elevation	316.0 m
Mean bifurcation ratio	2.2907
Stream frequency	73.4230 per km <sup>2</sup>
Relief	171.00 m
Drainage density	9.8000 km/km <sup>2</sup>
Length of overland flow	51.022 m

## CATCHMENT CLIMATOLOGY

