

## Warwand (Buldana) Dam

Location	20.5161° N, 76.2900° E
State	Maharashtra
Nearest City	Buldana
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.2 m
Dam length	457.0 m
Reservoir Area	314480.0 m <sup>2</sup>
Gross storage capacity	1705000.0 m <sup>3</sup>
Effective storage capacity	1528000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.3 km <sup>2</sup>
Perimeter of catchment	20.2 km
Basin Length	7503.0 m
Form factor	0.37907
Circularity ratio	0.66065
Elongation ratio	0.69449
Highest Stream order	5
Max elevation	639.0 m
Min elevation	581.0 m
Mean bifurcation ratio	3.6926
Stream frequency	68.2760 per km <sup>2</sup>
Relief	58.00 m
Drainage density	9.0250 km/km <sup>2</sup>
Length of overland flow	55.403 m

## CATCHMENT CLIMATOLOGY

