

## Deolipada Dam

Location	21.2025° N, 74.0450° E
State	Maharashtra
Nearest City	Nawapur
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.7 m
Dam length	1440.0 m
Reservoir Area	1077500.0 m <sup>2</sup>
Gross storage capacity	3340000.0 m <sup>3</sup>
Effective storage capacity	3040000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.0 km <sup>2</sup>
Perimeter of catchment	15.2 km
Basin Length	5159.1 m
Form factor	0.37550
Circularity ratio	0.54302
Elongation ratio	0.69121
Highest Stream order	5
Max elevation	694.0 m
Min elevation	246.0 m
Mean bifurcation ratio	3.5390
Stream frequency	86.7500 per km <sup>2</sup>
Relief	448.00 m
Drainage density	12.3980 km/km <sup>2</sup>
Length of overland flow	40.329 m

## CATCHMENT CLIMATOLOGY

