

## Dhamangaon Deshmukh Dam

Location	20.6419° N, 76.2836° E
State	Maharashtra
Nearest City	Motala
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	1284.0 m
Reservoir Area	591210.0 m <sup>2</sup>
Gross storage capacity	1840000.0 m <sup>3</sup>
Effective storage capacity	1750000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.0 km <sup>2</sup>
Perimeter of catchment	14.3 km
Basin Length	5513.1 m
Form factor	0.29634
Circularity ratio	0.55709
Elongation ratio	0.61405
Highest Stream order	5
Max elevation	521.0 m
Min elevation	349.0 m
Mean bifurcation ratio	4.5470
Stream frequency	73.1650 per km <sup>2</sup>
Relief	172.00 m
Drainage density	9.8600 km/km <sup>2</sup>
Length of overland flow	50.712 m

## CATCHMENT CLIMATOLOGY

