

## Dhappgalwad Dam

Location	20.5611° N, 75.2769° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	1421.0 m
Reservoir Area	561835.0 m <sup>2</sup>
Gross storage capacity	2232000.0 m <sup>3</sup>
Effective storage capacity	1988000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.8 km <sup>2</sup>
Perimeter of catchment	15.7 km
Basin Length	5641.9 m
Form factor	0.40077
Circularity ratio	0.65412
Elongation ratio	0.71410
Highest Stream order	5
Max elevation	412.0 m
Min elevation	303.0 m
Mean bifurcation ratio	2.2286
Stream frequency	75.8020 per km <sup>2</sup>
Relief	109.00 m
Drainage density	10.3650 km/km <sup>2</sup>
Length of overland flow	48.240 m

## CATCHMENT CLIMATOLOGY

